96270-1

Ohio Labor Market Information

Labor Market Review

May 1991

Summary. The seasonally adjusted unemployment rate in Ohio dropped from 7.2 percent in April 1991 to 5.6 percent in May 1991. The national rate increased from 6.6 percent to 6.9 percent over the month. Total employment in Ohio was up 39,000 from April to 5,163,000 in May. There were 304,000 unemployed Ohioans in May, down 95,000 from April. Total nonagricultural wage and salary employment (seasonally adjusted), at 4,913,000 in May, was up 6,000 from April. (See page 3.)

Goods-Producing Industries. Employment in goods-producing industries slipped 2,000 from April to 1,294,000 in May. Losses in heavy construction, except building, and special trade contractors lowered construction employment 2,000, to 199,000. Manufacturing employment, at 1,078,000, was down 1,000 from April. An increase in employment in transportation equipment (+2,000) was offset by a reduction in industrial machinery and equipment and by scattered losses in nondurable-goods industries. Mining employment was little changed at 17,000.

Service-Producing Industries. There were 3,619,000 people employed in service-producing industries in May, up 8,000 from April. Most of the increase occurred in services (+4,000), especially business and health services. Employment in government was up 2,000 over the month. Wholesale trade and retail trade added 1,000 jobs each. Transportation and public utilities and finance, insurance, and real estate were virtually unchanged from April.

Over the Year. Ohio's unemployment rate decreased from 5.8 percent in May 1990 to 5.6 percent in May 1991. The U.S. rate rose from 5.3 percent to 6.9 percent during the same period. Total employment in Ohio was up 51,000 from May 1990, while total unemployment was 13,000 lower. Nonfarm payroll employment increased 18,000 over the year. Employment in services was up 48,000. All other service-producing industries had smaller gains over the year, except government, which declined 1,000. Manufacturing employment was down 39,000 from May 1990. Employment in most durable-goods industries was substantially below the year-ago level. The hardest hit were industrial machinery and equipment (-9,000), fabricated metal products (-8,000), and transportation equipment (-8,000). Construction employment rose 2,000, while mining employment declined 1,000 over the year.

Factory Hours and Earnings. Production workers in manufacturing industries in Ohio earned an average of $542.93 per week in May, up $8.04 from April. Their average workweek of 41.7 hours was 0.3 hours longer. Nearly all manufacturing industries had higher earnings due to more overtime. The most significant increases were in motor vehicles and equipment, general industrial machinery, and metal forgings and stampings.

Benefits and Costs. There were 65,623 initial claims filed under the Ohio Unemployment Compensation Law in May, down 13.4 percent from April, but up 52.2 percent from May 1990. Total benefits paid dropped 4.4 percent to $96.0 million. The average weekly benefit check of $178.01 was $0.44 lower than in April. The average weekly number of benefit recipients, at

Ohio Bureau of Employment Services
George V. Voinovich, Governor James Conrad, Administrator

118,172, decreased 15.6 percent. At the end of May, there were 207,841 active employer accounts.

Employment Service. The Ohio Bureau of Employment Services helped 33,115 new job applicants in May, up 0.8 percent from April, but down 5.5 percent from May 1990. The Employment Services Division made 29,313 job referrals in May, up 35.2 percent over the month. There were 4,824 total placements made, up 33.3 percent.

Occupational Wage and Employment Survey Underway

Many Ohio employers in the nonmanufacturing sector are being asked to participate in the Occupational Employment Statistics (OES) survey. The OES survey provides baseline information on the occupational composition of jobs and wages by occupations in Ohio. These data have many uses, including being a major input in developing projections of future employment patterns and training needs. OES data are also helpful in market research targeted toward specific groups of workers and in developing company staffing strategies.

Occupational Employment Statistics are obtained by a mail survey of a sample of employers in nonagricultural industries. Information provided by individual employers is confidential and will not be identifiable in OES publications. For further information on the OES survey, contact Rick Greene at (614) 644–2689, or write:

Ohio Bureau of Employment Services
Labor Market Information Division
P.O. Box 1618
Columbus, Ohio 43216

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Civilian Labor Force and Nonagricultural Wage and Salary Employment Estimates for Ohio[a]

Seasonally Adjusted

Ohio

	Employment (in thousands)			Change[b] (in thousands)		Percent Change[c]	
	May 1991	Apr. 1991	May 1990	From Last Month	From Last Year	From Last Month	From Last Year
Household Survey Data[d]							
Civilian Labor Force	5,467	5,523	5,429	-56	38	-1.0	.7
Employment	5,163	5,124	5,112	39	51	.8	1.0
Unemployment	304	399	317	-95	-13	-23.8	-4.1
Unemployment Rate	5.6	7.2	5.8				
Employer Survey Data[e]							
Total	4,913	4,907	4,895	6	18	.1	.4
Goods-Producing Industries	1,294	1,297	1,332	-2	-38	-.2	-2.8
Mining	17	17	18	0	-1	-1.0	-3.8
Coal Mining	7	7	7	0	0	-1.8	-6.6
Oil and Gas Extraction	6	6	6	0	0	-.4	-3.7
Construction	199	201	198	-2	2	-.8	.8
General Building Contractors	48	48	47	0	0	-.5	.3
Heavy Construction, Except Building	25	25	24	-1	1	-2.3	4.1
Special Trade Contractors	127	128	126	-1	0	-.6	.4
Manufacturing	1,078	1,079	1,117	-1	-39	-.1	-3.5
Durable Goods	712	711	749	0	-37	.1	-5.0
Lumber and Wood Products	21	21	22	0	-1	.4	-3.7
Furniture and Fixtures	15	15	15	0	0	-.2	1.5
Stone, Clay, and Glass Products	44	44	46	0	-2	.8	-3.9
Primary Metal Industries	96	96	100	0	-4	-.3	-4.2
Fabricated Metal Products	124	124	132	0	-8	-.3	-6.3
Industrial Machinery and Equipment	157	158	166	-1	-9	-.9	-5.4
Electronic and Other Electric Equipment	77	76	80	0	-4	.4	-4.4
Transportation Equipment	138	136	146	2	-8	1.2	-5.6
Instruments and Related Products	26	26	27	0	-1	.5	-3.6
Nondurable Goods	366	367	368	-1	-1	-.2	-.4
Food and Kindred Products	64	64	62	0	2	-.1	3.4
Apparel and Other Textile Products	14	14	15	0	-1	1.0	-3.9
Paper and Allied Products	38	38	37	0	0	-.9	1.2
Printing and Publishing	76	76	75	0	1	.1	1.9
Chemicals and Allied Products	67	67	66	0	1	-.4	1.5
Rubber and Misc. Plastics Products	89	89	95	0	-5	-.4	-5.8
Service-Producing Industries	3,619	3,611	3,563	8	56	.2	1.6
Transportation and Public Utilities	221	221	220	0	2	-.1	.8
Transportation	130	130	127	0	3	.2	2.0
Communications, Electric, Gas Services	91	92	92	0	-1	-.5	-.9

See footnotes on page 4.

Civilian Labor Force and Nonagricultural Wage and Salary Employment Estimates for Ohio[a]

Seasonally Adjusted

	Employment (in thousands)			Change[b] (in thousands)		Percent Change[c]	
	May 1991	Apr. 1991	May 1990	From Last Month	From Last Year	From Last Month	From Last Year
Wholesale Trade	265	265	262	1	3	.3	1.2
Wholesale Trade-Durable Goods	165	164	164	0	1	.1	.6
Wholesale Trade-Nondurable Goods	101	100	99	1	2	.6	2.2
Retail Trade	910	909	908	1	2	.1	.2
Building Materials and Garden Supplies	34	34	34	0	0	-.7	-.4
General Merchandise Stores	123	123	127	0	-4	.3	-3.4
Food Stores	140	140	140	0	0	.0	.1
Automotive Dealers and Service Stations	98	98	99	0	-1	.0	-.9
Apparel and Accessory Stores	51	50	49	0	1	.8	2.5
Furniture and Homefurnishings Stores	32	31	31	0	0	.6	1.4
Eating and Drinking Places	314	314	311	0	2	.0	.7
Miscellaneous Retail	119	119	116	0	3	.2	3.0
Finance, Insurance, and Real Estate	257	256	254	0	3	.2	1.0
Finance	121	121	121	0	0	.0	.3
Depository Institutions	89	89	90	0	-1	-.1	-.6
Insurance	91	91	91	0	1	.5	1.0
Real Estate	44	44	43	0	1	-.1	3.0
Services	1,235	1,231	1,187	4	48	.3	4.0
Hotels and Other Lodging Places	40	41	39	0	1	-.3	3.5
Personal Services	55	56	54	0	1	-.5	1.9
Business Services	230	228	217	2	13	.9	5.9
Amusements, Including Motion Pictures	62	63	60	0	2	-.3	4.0
Health Services	409	408	394	1	15	.3	3.7
Legal Services	30	30	29	0	1	.3	3.7
Educational Services	64	64	62	0	2	-.1	2.8
Social Services	83	83	79	0	4	.2	5.2
Membership Organizations	79	79	79	0	0	.1	.4
Engineering and Management Services	94	93	90	0	4	.2	4.3
Government	730	728	731	2	-1	.3	-.2
Federal Government	94	94	108	0	-14	-.1	-12.7
State Government	165	165	162	1	3	.5	2.1
State Government Education	88	87	84	0	3	.4	3.7
Local Government	470	469	461	2	9	.4	2.0
Local Government Education	273	272	266	1	7	.3	2.7

[a]Data for latest month are preliminary, although other months are subject to revision. Subtotals may not add to totals due to rounding. Unemployment rates are computed from unrounded figures. All data exclude military personnel. [b]Changes are computed from unrounded numbers. [c]Percentages are computed from unrounded numbers. [d]From the Current Population Survey, a monthly federal survey of approximately 2,500 Ohio households. Estimates represent counts of persons by place of residence, provided by the U.S. Bureau of Labor Statistics. [e]From the Current Employment Statistics Survey, a monthly survey of approximately 12,000 employers conducted by OBES in cooperation with the U.S. Bureau of Labor Statistics. Estimates represent nonagricultural wage and salary jobs by place of work.

Seasonally Adjusted Estimates[a]

Ohio Civilian Labor Force Estimates
(In Thousands)

Civilian Labor Force			Unemployment Rates		
Total	Employed	Unemployed	Ohio	U.S.	
					1989
5,410	5,121	289	5.3	5.2	May
5,447	5,138	309	5.7	5.4	June
5,428	5,130	298	5.5	5.3	July
5,428	5,144	284	5.2	5.2	August
5,435	5,140	295	5.4	5.3	September
5,452	5,132	320	5.9	5.3	October
5,420	5,087	333	6.1	5.3	November
5,426	5,102	324	6.0	5.3	December
					1990
5,418	5,074	344	6.3	5.3	January
5,386	5,073	313	5.8	5.3	February
5,408	5,107	301	5.6	5.3	March
5,421	5,106	315	5.8	5.4	April
5,429	5,112	317	5.8	5.3	May
5,421	5,129	292	5.4	5.3	June
5,420	5,115	305	5.6	5.5	July
5,447	5,159	288	5.3	5.6	August
5,447	5,156	291	5.3	5.7	September
5,463	5,148	315	5.8	5.7	October
5,452	5,156	296	5.4	5.9	November
5,488	5,179	309	5.6	6.1	December
					1991
5,383	5,065	318	5.9	6.2	January
5,384	5,007	377	7.0	6.5	February
5,470	5,073	397	7.3	6.8	March
5,523	5,124	399	7.2	6.6	April
5,467	5,163	304	5.6	6.9	May

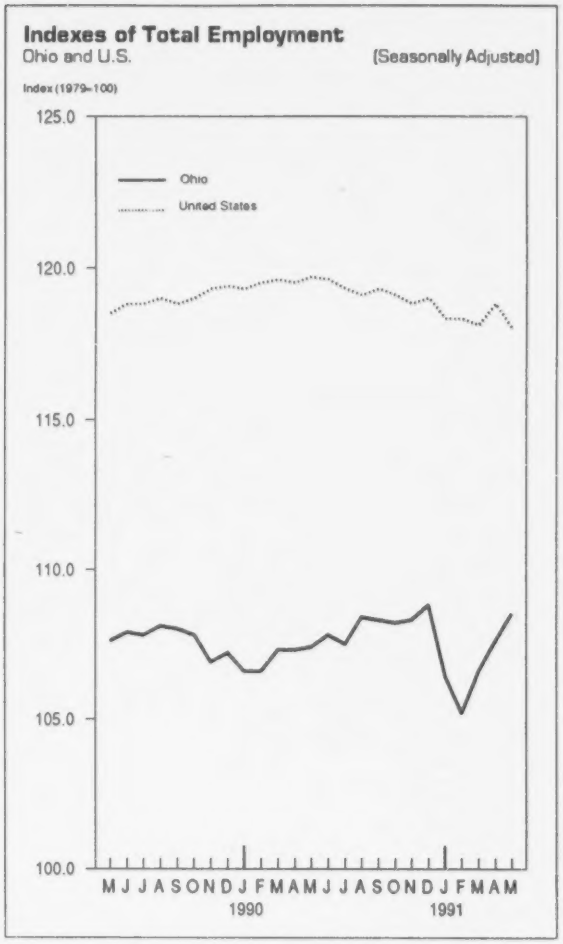
Ohio Nonagricultural Wage and Salary Employment
(In Thousands)

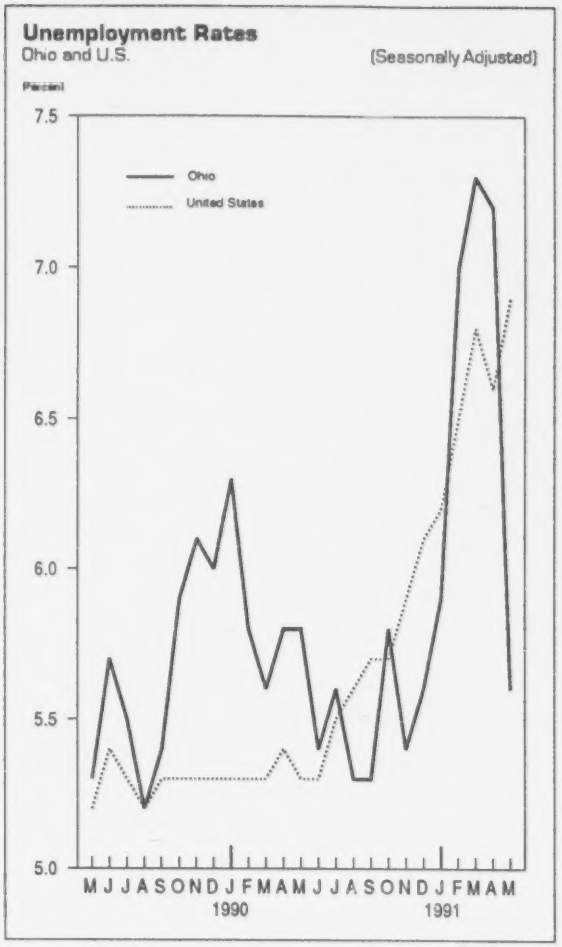
Nonagricultural Employment					
	Goods–Producing Employment				
Total	Total	Mining	Construction	Manufacturing	
					1989
4,798	1,332	18	190	1,124	May
4,812	1,335	18	192	1,125	June
4,816	1,329	16	194	1,119	July
4,830	1,336	18	195	1,122	August
4,834	1,332	18	196	1,119	September
4,830	1,322	18	194	1,110	October
4,845	1,332	18	196	1,119	November
4,854	1,330	18	196	1,117	December
					1990
4,840	1,314	18	199	1,097	January
4,873	1,337	18	204	1,116	February
4,888	1,338	18	204	1,117	March
4,878	1,332	18	199	1,115	April
4,895	1,332	18	198	1,117	May
4,903	1,334	18	197	1,119	June
4,903	1,328	18	196	1,114	July
4,910	1,329	18	197	1,115	August
4,911	1,328	17	197	1,113	September
4,921	1,329	17	197	1,115	October
4,913	1,318	17	198	1,103	November
4,914	1,316	17	199	1,100	December
					1991
4,919	1,315	17	200	1,098	January
4,911	1,300	17	202	1,081	February
4,913	1,296	17	202	1,077	March
4,907	1,297	17	201	1,079	April
4,913	1,294	17	199	1,078	May

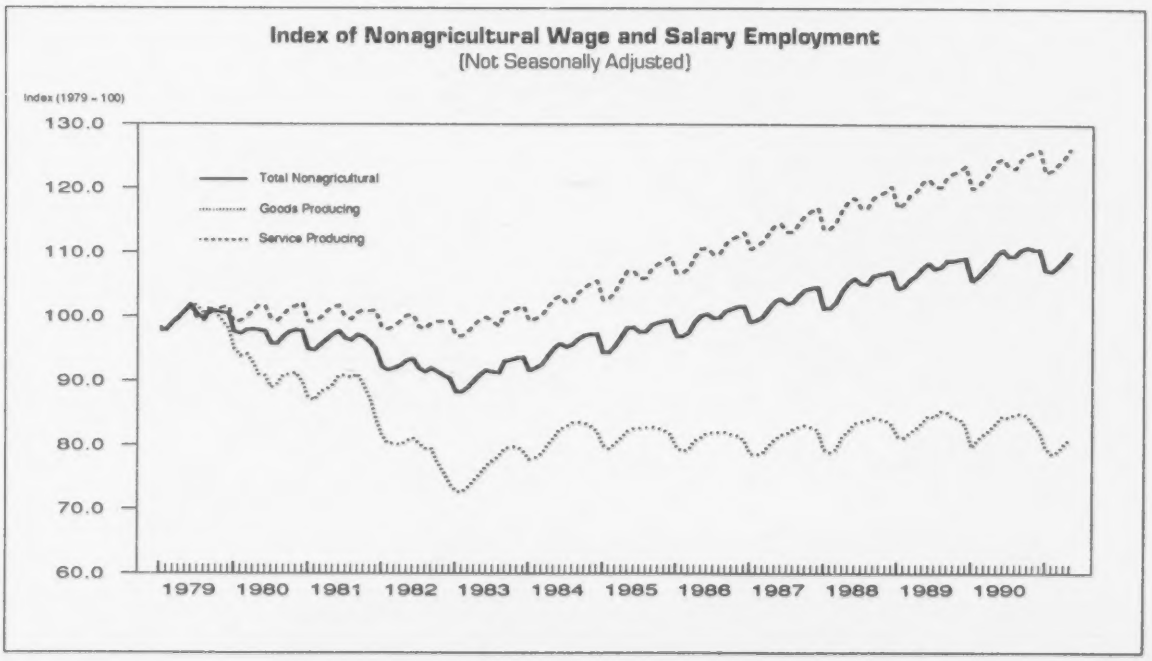
Service–Producing Employment
(In Thousands)

Total	Transportation & Public Utilities		Wholesale Trade	Retail Trade	Finance, Insurance, & Real Estate		Services	Government
		1989				1989		
3,466	215	May	261	896	251	May	1,137	706
3,477	216	June	261	899	252	June	1,141	708
3,486	216	July	262	901	252	July	1,148	707
3,495	217	August	262	902	253	August	1,155	706
3,502	218	September	261	902	254	September	1,159	708
3,508	218	October	261	902	254	October	1,163	711
3,513	218	November	261	906	254	November	1,164	710
3,524	219	December	260	909	254	December	1,168	714
		1990				1990		
3,526	219	January	261	909	254	January	1,171	714
3,536	219	February	260	910	254	February	1,175	717
3,550	220	March	261	913	255	March	1,181	720
3,545	219	April	262	907	254	April	1,181	722
3,563	220	May	262	908	254	May	1,187	731
3,570	219	June	263	911	255	June	1,195	727
3,576	219	July	263	911	255	July	1,199	728
3,581	219	August	264	913	255	August	1,204	726
3,583	220	September	264	912	255	September	1,207	725
3,592	220	October	264	912	256	October	1,213	727
3,595	220	November	265	913	256	November	1,215	727
3,598	221	December	265	912	256	December	1,218	726
		1991				1991		
3,604	222	January	265	913	257	January	1,220	727
3,611	222	February	265	913	257	February	1,225	730
3,617	221	March	265	915	257	March	1,229	729
3,611	221	April	265	909	256	April	1,231	728
3,619	221	May	265	910	257	May	1,235	730

[a]Estimated in cooperation with U.S. Department of Labor. Data for latest month are preliminary, although other months are subject to revision. Subtotals may not add to totals due to rounding. Unemployment rates are computed from unrounded figures. All data exclude military personnel.


Indexes of Total Employment
Ohio and U.S.
(Seasonally Adjusted)
Index (1979=100)
125.0
120.0
115.0
110.0
105.0
100.0
Ohio
United States
M J J A S O N D J F M A M J J A S O N D J F M A M
1990
1991


Unemployment Rates
Ohio and U.S.
(Seasonally Adjusted)
Percent
7.5
7.0
6.5
6.0
5.5
5.0
Ohio
United States
M J J A S O N D J F M A M J J A S O N D J F M A M
1990
1991


Index of Nonagricultural Wage and Salary Employment
(Not Seasonally Adjusted)
Index (1979 = 100)
130.0
120.0
110.0
100.0
90.0
80.0
70.0
60.0
Total Nonagricultural
Goods Producing
Service Producing
1979 1980 1981 1982 1983 1984 1985 1986 1987 1988 1989 1990

Nonseasonally Adjusted Estimates[a]

Ohio Civilian Labor Force Estimates
(in thousands)

Civilian Labor Force			Unemployment Rates		
Total	Employed	Unemployed	Ohio	U.S.	
5,089	4,663	426	8.4	7.1	1980
5,100	4,608	492	9.6	7.6	1981
5,114	4,474	640	12.5	9.7	1982
5,099	4,478	621	12.2	9.6	1983
5,089	4,609	480	9.4	7.5	1984
5,135	4,680	455	8.9	7.2	1985
5,232	4,806	425	8.1	7.0	1986
5,253	4,886	367	7.0	6.2	1987
5,322	5,002	320	6.0	5.5	1988
5,419	5,118	300	5.5	5.3	1989
5,433	5,126	307	5.7	5.5	1990
					1990
5,409	5,104	305	5.6	5.1	May
5,481	5,179	302	5.5	5.3	June
5,472	5,194	278	5.1	5.5	July
5,504	5,245	258	4.7	5.4	August
5,436	5,177	259	4.8	5.5	September
5,493	5,187	306	5.6	5.4	October
5,463	5,176	287	5.3	5.8	November
5,484	5,169	315	5.7	5.9	December
					1991
5,357	4,968	389	7.3	7.0	January
5,341	4,932	409	7.7	7.2	February
5,417	5,004	414	7.6	7.1	March
5,473	5,087	386	7.1	6.5	April
5,445	5,154	292	5.4	6.6	May

Ohio Nonagricultural Wage and Salary Employment
(in thousands)

Nonagricultural Employment					
	Goods-Producing Employment				
Total	Total	Mining	Construction	Manufacturing	
4,367.4	1,462.5	30.7	167.4	1,264.3	1980
4,317.7	1,417.0	30.7	153.7	1,232.6	1981
4,124.3	1,264.8	30.3	134.6	1,099.9	1982
4,092.5	1,223.4	26.6	130.8	1,066.0	1983
4,260.2	1,299.7	27.8	144.8	1,127.0	1984
4,372.9	1,304.3	26.1	154.0	1,124.2	1985
4,471.4	1,293.1	22.6	160.7	1,109.8	1986
4,582.6	1,296.2	20.9	176.4	1,098.9	1987
4,700.6	1,315.1	18.9	185.6	1,110.6	1988
4,817.4	1,334.1	17.9	193.6	1,122.6	1989
4,895.8	1,327.8	17.6	198.5	1,111.7	1990
					1990
4,925.3	1,334.0	17.6	199.1	1,117.2	May
4,956.0	1,352.0	17.9	207.4	1,126.7	June
4,912.3	1,347.3	18.0	214.5	1,114.8	July
4,916.5	1,356.3	18.0	217.8	1,120.5	August
4,958.1	1,357.5	17.9	216.4	1,123.2	September
4,974.2	1,352.7	17.8	213.6	1,121.3	October
4,962.8	1,331.3	17.6	207.6	1,106.1	November
4,955.9	1,313.0	17.4	195.7	1,099.9	December
					1991
4,814.5	1,274.5	16.7	172.2	1,085.6	January
4,807.8	1,256.3	16.4	169.0	1,070.9	February
4,844.7	1,263.4	16.7	176.8	1,069.9	March
4,889.7	1,281.7	16.9	190.0	1,074.8	April
4,943.7	1,295.8	17.0	200.7	1,078.1	May

Service-Producing Employment
(in thousands)

Total	Transportation & Public Utilities		Wholesale Trade	Retail Trade	Finance, Insurance, & Real Estate		Services	Government
2,904.9	223.1	1980	231.7	725.5	203.8	1980	830.9	689.9
2,900.7	217.2	1981	233.6	716.5	205.8	1981	851.6	676.0
2,859.5	206.8	1982	227.1	702.3	206.4	1982	857.3	659.6
2,869.2	198.5	1983	223.6	709.9	207.8	1983	873.3	656.1
2,960.5	203.9	1984	237.9	746.8	211.5	1984	905.2	655.2
3,068.5	202.7	1985	245.1	786.5	219.3	1985	949.5	665.2
3,178.4	203.4	1986	245.7	817.1	232.3	1986	1,001.0	678.9
3,286.4	207.8	1987	249.4	846.9	243.8	1987	1,051.2	687.3
3,385.5	212.1	1988	256.4	877.4	249.0	1988	1,096.8	693.8
3,483.4	216.4	1989	261.0	900.1	252.4	1989	1,147.1	706.4
3,568.0	219.7	1990	262.8	910.8	254.9	1990	1,195.6	724.2
		1990				1990		
3,591.3	219.6	May	262.5	910.4	254.2	May	1,194.3	750.3
3,604.0	221.1	June	264.6	920.0	257.3	June	1,214.9	726.1
3,565.0	221.3	July	265.6	917.8	258.5	July	1,217.6	684.2
3,560.3	221.4	August	265.2	922.2	258.4	August	1,220.4	672.5
3,600.6	222.6	September	264.4	919.6	256.4	September	1,227.2	710.4
3,621.5	222.4	October	265.1	917.8	255.7	October	1,222.0	738.5
3,631.6	222.1	November	265.2	928.9	255.4	November	1,214.9	745.0
3,642.8	223.4	December	265.9	941.7	255.8	December	1,212.6	743.4
		1991				1991		
3,540.0	217.5	January	262.1	893.0	253.7	January	1,184.3	729.3
3,551.4	216.7	February	261.7	880.4	254.0	February	1,194.7	744.0
3,581.3	217.6	March	262.7	889.4	254.6	March	1,208.7	748.3
3,608.0	219.3	April	263.9	899.2	254.9	April	1,228.3	742.3
3,647.9	221.2	May	265.6	912.7	256.6	May	1,242.2	749.4

[a]Estimated in cooperation with U.S. Department of Labor. Data for latest month are preliminary, although other months are subject to revision. Subtotals may not add to totals due to rounding. Unemployment rates are computed from unrounded figures. All data exclude military personnel.

Manufacturing Employment, Hours, and Earnings[a]

Not Seasonally Adjusted

Manufacturing Employment

Total (thousands)	Durable Goods (thousands)	Nondurable Goods (thousands)
1,264.3	880.3	384.1
1,232.6	858.2	374.4
1,099.9	750.5	349.4
1,066.0	721.9	344.1
1,127.0	771.7	355.4
1,124.2	767.0	357.3
1,109.8	751.0	358.8
1,098.9	738.9	360.0
1,110.6	747.3	363.4
1,122.6	754.7	367.9
1,111.7	743.3	368.5
		1990
1,117.2	750.7	366.4
1,126.7	756.0	370.7
1,114.8	745.0	369.9
1,120.5	748.4	372.2
1,123.2	748.0	375.2
1,121.3	746.9	374.4
1,106.1	734.4	371.7
1,099.9	729.8	370.1
		1991
1,085.6	718.1	367.5
1,070.9	706.7	364.2
1,069.9	706.3	363.6
1,074.8	710.8	364.0
1,078.1	713.3	364.9

Production Workers in Manufacturing

	Production Workers (thousands)	Aggregate Weekly Payroll (millions)	Aggregate Weekly Hours (millions)
1980	867.8	$301.9	35.2
1981	847.7	330.4	34.7
1982	735.7	297.1	29.5
1983	721.6	315.5	29.9
1984	781.5	362.3	33.1
1985	773.4	369.7	32.5
1986	758.5	369.1	31.9
1987	751.4	375.5	32.0
1988	762.3	393.0	32.8
1989	770.4	403.3	32.9
1990	757.3	405.9	32.1
1990			
May	763.9	414.2	32.7
June	770.6	422.2	33.1
July	757.4	403.0	32.0
August	763.2	409.7	32.4
September	766.3	426.7	33.1
October	765.0	418.7	32.6
November	749.8	410.8	32.0
December	743.7	403.9	31.5
1991			
January	731.1	394.6	30.7
February	717.4	377.1	29.6
March	716.7	383.1	29.7
April	721.5	385.9	29.9
May	725.3	393.8	30.2

Production Worker Average Weekly Earnings

Manufacturing	Durable Goods	Nondurable Goods
$347.94	$358.57	$319.99
389.78	401.64	358.16
403.81	414.80	378.95
437.18	452.35	402.52
463.61	482.38	417.83
477.96	499.56	425.80
486.68	507.95	439.71
499.70	519.52	455.03
515.57	538.16	466.31
523.50	542.23	478.19
535.94	556.38	492.74
		1990
542.28	564.19	493.08
547.82	571.14	497.12
532.14	550.35	491.99
536.78	555.93	493.92
556.85	581.16	504.38
547.41	571.43	496.78
547.84	568.43	503.37
543.13	562.22	501.06
		1991
539.70	559.99	497.90
525.71	541.86	492.79
534.52	551.20	498.08
534.89	552.78	497.25
542.93	561.79	500.94

Production Worker Average Weekly Hours

	Manufacturing	Durable Goods	Nondurable Goods
1980	40.6	40.7	40.2
1981	40.9	40.9	40.7
1982	40.1	40.0	40.4
1983	41.4	41.5	41.2
1984	42.3	42.5	41.7
1985	42.0	42.3	41.3
1986	42.1	42.4	41.6
1987	42.6	42.9	41.9
1988	43.0	43.4	42.2
1989	42.7	43.0	41.8
1990	42.4	42.7	41.9
1990			
May	42.8	43.2	42.0
June	43.0	43.4	42.2
July	42.2	42.4	41.8
August	42.4	42.6	42.0
September	43.2	43.5	42.6
October	42.6	42.9	42.1
November	42.7	42.9	42.3
December	42.3	42.4	42.0
1991			
January	42.0	42.2	41.7
February	41.2	41.3	41.1
March	41.5	41.6	41.3
April	41.4	41.5	41.3
May	41.7	41.8	41.4

Production Worker Average Hourly Earnings

	Manufacturing	Durable Goods	Nondurable Goods
1980	$ 8.57	$ 8.81	$ 7.96
1981	9.53	9.82	8.80
1982	10.07	10.37	9.38
1983	10.56	10.90	9.77
1984	10.96	11.35	10.02
1985	11.38	11.81	10.31
1986	11.56	11.98	10.57
1987	11.73	12.11	10.86
1988	11.99	12.40	11.05
1989	12.26	12.61	11.44
1990	12.64	13.03	11.76
1990			
May	12.67	13.06	11.74
June	12.74	13.16	11.78
July	12.61	12.98	11.77
August	12.66	13.05	11.76
September	12.89	13.36	11.84
October	12.85	13.32	11.80
November	12.83	13.25	11.90
December	12.84	13.26	11.93
1991			
January	12.85	13.27	11.94
February	12.76	13.12	11.99
March	12.88	13.25	12.06
April	12.92	13.32	12.04
May	13.02	13.44	12.10

[a]Estimated in cooperation with U.S. Bureau of Labor Statistics. Data for latest month are preliminary, although other months are subject to revision. Subtotals may not add to totals due to rounding.

Employment and Average Weekly Earnings in Selected Major Manufacturing Industries[a]

Not Seasonally Adjusted

Employment
(thousands)

Stone, Clay, and Glass Products	Primary Metal Industries	Fabricated Metal Products		Industrial Machinery and Equipment	Electronic and Other Electric Equipment	Transportation Equipment		Food and Kindred Products	Printing and Publishing	Rubber and Miscellaneous Plastics Products
62.0	139.8	157.5	1980	219.2	96.5	138.6	1980	72.7	67.4	95.1
58.6	138.3	154.8	1981	211.8	92.3	136.4	1981	69.2	66.1	91.4
52.1	112.7	134.9	1982	183.4	84.7	121.1	1982	66.9	63.2	82.4
50.2	104.1	129.8	1983	160.1	81.7	131.6	1983	63.4	62.8	84.5
50.5	108.9	138.8	1984	173.1	85.4	144.4	1984	62.8	65.1	92.7
48.5	101.8	139.7	1985	171.7	83.2	150.6	1985	62.9	66.8	93.3
47.5	95.4	136.8	1986	163.9	82.0	153.2	1986	63.0	68.4	94.5
46.5	95.8	132.9	1987	160.3	79.9	148.8	1987	63.1	70.5	93.6
46.0	100.8	135.2	1988	163.9	80.0	142.8	1988	62.5	72.5	93.4
45.9	102.4	135.6	1989	167.7	79.9	143.8	1989	62.9	73.8	95.5
45.6	100.1	131.0	1990	165.2	79.2	143.6	1990	61.9	75.2	94.0
			1990				1990			
46.0	100.3	132.4	May	166.0	79.8	147.1	May	61.0	74.5	94.5
46.5	101.7	133.4	June	166.7	79.7	148.7	June	61.8	75.3	95.7
46.2	99.4	132.0	July	166.3	79.4	142.4	July	61.9	75.7	93.8
46.3	100.5	131.8	August	165.0	79.0	146.8	August	62.7	75.8	94.9
46.1	101.9	132.6	September	164.5	78.8	145.2	September	65.3	75.9	95.4
46.0	101.2	131.6	October	163.7	78.6	147.0	October	64.3	75.9	95.4
45.4	99.8	130.0	November	162.7	77.8	140.6	November	62.6	76.2	94.2
43.8	99.7	129.6	December	163.5	77.3	137.8	December	62.6	76.4	92.6
			1991				1991			
42.7	99.2	126.8	January	163.1	76.2	134.3	January	62.5	75.7	91.9
42.5	95.5	122.9	February	161.2	76.1	133.2	February	62.1	75.6	89.5
42.6	96.8	123.4	March	160.5	75.8	131.3	March	62.5	75.6	88.6
43.6	96.1	123.8	April	158.0	75.9	137.2	April	62.6	75.8	89.1
44.2	96.0	124.1	May	157.0	76.3	138.9	May	63.1	75.9	89.0

Average Weekly Earnings of Production Workers

$315.43	$422.01	$349.34	1980	$352.77	$316.31	$414.83	1980	$329.85	$320.92	$323.61
348.02	484.04	389.61	1981	389.16	350.27	471.50	1981	362.75	347.70	368.67
376.88	480.54	398.77	1982	392.63	366.56	506.99	1982	386.04	358.45	381.11
400.57	503.85	460.65	1983	424.09	394.63	557.92	1983	403.79	375.62	412.25
419.15	537.21	475.30	1984	467.61	420.65	603.46	1984	419.19	386.30	419.99
434.30	548.83	492.15	1985	475.58	433.30	635.26	1985	413.25	395.14	429.17
443.81	559.93	494.91	1986	485.18	459.80	632.06	1986	416.83	410.70	438.96
449.82	602.53	500.12	1987	502.36	463.01	639.[illegible]	1987	440.34	429.00	441.34
470.37	626.44	513.17	1988	526.24	466.07	67[illegible].51	1988	446.04	445.22	446.95
478.67	619.61	508.09	1989	534.10	459.95	704.48	1989	458.39	457.81	446.05
490.33	644.57	519.96	1990	543.46	464.12	721.92	1990	476.99	475.60	451.36
			1990				1990			
495.79	657.34	531.48	May	547.67	456.65	742.29	May	469.83	465.71	460.82
498.10	672.04	533.68	June	548.97	458.59	758.62	June	476.40	467.68	467.99
493.06	644.36	506.75	July	539.71	456.84	722.67	July	475.57	469.66	458.55
495.20	649.82	524.97	August	546.08	465.12	706.55	August	485.78	472.03	452.19
501.38	684.71	543.99	September	562.42	477.76	767.45	September	492.59	487.62	461.58
492.26	666.45	539.33	October	558.54	472.73	740.44	October	475.45	484.41	456.20
486.78	660.93	530.88	November	559.39	479.83	736.20	November	500.98	490.84	446.08
486.97	643.99	522.42	December	555.52	484.97	716.13	December	507.91	493.68	443.21
			1991				1991			
488.31	650.32	518.32	January	548.70	475.69	724.55	January	482.89	479.50	449.90
490.31	599.23	501.39	February	532.98	472.73	703.50	February	469.68	485.10	443.48
499.31	624.75	511.60	March	537.20	477.99	715.29	March	497.20	484.31	447.12
494.56	635.58	516.89	April	532.97	475.26	704.33	April	478.74	483.15	453.46
493.73	639.21	526.12	May	537.16	474.85	732.31	May	494.91	482.39	452.18

[a]Estimated in cooperation with U.S. Bureau of Labor Statistics. Data for latest month are preliminary, although other months are subject to revision.

Nonagricultural Wage and Salary Employment[a]

Not Seasonally Adjusted

Ohio

	Employment (in thousands)			Change[d] (in thousands)	
	May 1991[b]	Apr. 1991[c]	May 1990[c]	From Last Month	From Last Year
Total	4943.7	4889.7	4925.3	54.0	18.4
Goods-Producing Industries	1295.8	1281.7	1334.0	14.1	-38.2
Mining	17.0	16.9	17.6	.1	-.7
Coal Mining	6.5	6.6	6.9	-.1	-.5
Oil and Gas Extraction	5.6	5.5	5.8	.0	-.2
Construction	200.7	190.0	199.1	10.7	1.6
General Building Contractors	47.3	45.9	47.2	1.4	.1
Nonresidential Building Construction	24.0	23.4	24.4	.6	-.4
Heavy Construction, Except Building	25.9	22.7	24.9	3.2	1.0
Highway and Street Construction	10.2	7.9	9.3	2.2	.8
Special Trade Contractors	127.5	121.4	127.0	6.1	.5
Manufacturing	1078.1	1074.8	1117.2	3.3	-39.1
Durable Goods[f]	713.3	710.8	750.7	2.4	-37.5
Lumber and Wood Products	21.1	20.7	21.9	.4	-.8
Millwork, Plywood and Structural Members	9.8	9.4	10.2	.4	-.4
Furniture and Fixtures	15.4	15.3	15.1	.0	.2
Stone, Clay, and Glass Products	44.2	43.6	46.0	.6	-1.8
Primary Metal Industries	96.0	96.1	100.3	-.2	-4.3
Blast Furnace and Basic Steel Products	44.5	44.7	46.3	-.2	-1.8
Iron and Steel Foundries	18.5	18.7	19.7	-.2	-1.2
Nonferrous Rolling and Drawing	15.5	15.5	16.4	.0	-.9
Nonferrous Foundries	10.2	10.1	10.5	.1	-.3
Fabricated Metal Products	124.1	123.8	132.4	.3	-8.4
Fabricated Structural Metal Products	27.6	27.5	29.0	.1	-1.4
Metal Forgings and Stampings	35.4	35.2	38.3	.2	-2.9
Industrial Machinery and Equipment	157.0	158.0	166.0	-1.0	-8.9
Construction and Related Machinery	11.9	12.1	13.4	-.2	-1.5
Metalworking Machinery	46.2	46.8	48.2	-.6	-1.9
Special Industry Machinery	15.2	15.5	16.9	-.3	-1.6
General Industrial Machinery	25.1	25.1	25.8	.0	-.7
Computer and Office Equipment	10.7	10.7	11.1	.0	-.4
Refrigeration and Service Machinery	13.7	13.7	16.2	.0	-2.5
Electronic and Other Electric Equipment	76.3	75.9	79.8	.4	-3.5
Electrical Industrial Apparatus	11.6	11.7	12.2	-.1	-.6
Household Appliances	14.6	14.5	15.9	.1	-1.3
Electric Lighting and Wiring Equipment	15.9	15.9	16.4	.0	-.5
Electronic Components and Accessories	11.2	11.2	11.9	.0	-.6
Transportation Equipment	138.9	137.2	147.1	1.7	-8.2
Motor Vehicles and Equipment	95.7	93.8	101.1	1.9	-5.4
Aircraft and Parts	35.8	35.9	37.7	-.1	-1.9
Instruments and Related Products	25.5	25.4	26.5	.1	-1.0
Measuring and Controlling Devices	14.6	14.6	15.7	.0	-1.0
Nondurable Goods[g]	364.9	364.0	366.4	.9	-1.6
Food and Kindred Products	63.1	62.6	61.0	.5	2.1
Dairy Products	10.6	10.5	9.9	.1	.7
Preserved Fruits and Vegetables	10.8	10.7	10.3	.1	.5
Bakery Products	9.6	9.6	9.6	.0	.0
Apparel and Other Textile Products	14.2	14.0	14.8	.2	-.6
Paper and Allied Products	37.4	37.7	36.9	-.3	.4
Paperboard Containers and Boxes	13.7	13.7	13.2	.0	.5
Miscellaneous Converted Paper Products	12.0	12.2	12.2	-.2	-.2
Printing and Publishing	75.9	75.8	74.5	.2	1.4
Newspapers	18.6	18.7	18.9	.0	-.3
Commercial Printing	28.5	28.4	27.4	.1	1.1
Chemicals and Allied Products	66.7	66.6	65.7	.2	1.0
Plastics Materials and Synthetics	9.6	9.6	9.6	.0	.0
Rubber and Miscellaneous Plastics Products	89.0	89.1	94.5	-.1	-5.5
Tires and Inner Tubes	14.7	14.7	14.7	.0	.0
Miscellaneous Plastics Products	54.7	54.7	57.7	.1	-3.0
Service-Producing Industries	3647.9	3608.0	3591.3	39.9	56.5
Transportation and Public Utilities	221.2	219.3	219.6	1.9	1.6
Transportation	130.0	127.9	127.7	2.2	2.4
Railroad Transportation	11.7	11.5	12.4	.2	-.7
Trucking and Warehousing	76.1	75.1	75.1	.9	1.0
Transportation by Air	15.5	15.4	14.1	.1	1.4
Communications, Electric, Gas Services	91.2	91.4	92.0	-.3	-.8
Communications	47.8	48.0	48.5	-.3	-.7
Electric, Gas, and Sanitary Services	43.4	43.4	43.5	.0	-.1

See footnotes on page 13.

Nonagricultural Wage and Salary Employment[a]

Not Seasonally Adjusted

	Employment (in thousands)			Change[d] (in thousands)	
	May 1991[b]	Apr. 1991[c]	May 1990[c]	From Last Month	From Last Year
Wholesale Trade	265.6	263.9	262.5	1.7	3.2
Wholesale Trade-Durable Goods	164.8	164.0	163.8	.8	1.0
Motor Vehicles, Parts, and Supplies	22.0	21.9	22.0	.1	[illegible]
Professional and Commercial Equipment	32.1	32.0	32.1	.1	.1
Metals and Minerals, Except Petroleum	11.0	10.9	11.0	.0	.0
Electrical Goods	17.2	17.3	17.4	-.1	-.2
Hardware, Plumbing and Heating Equipment	12.3	12.3	12.4	.0	-.1
Machinery, Equipment, and Supplies	41.3	41.1	40.7	.1	.6
Wholesale Trade-Nondurable Goods	100.8	99.9	98.7	.9	2.1
Groceries and Related Products	34.3	34.1	33.0	.2	1.3
Retail Trade	912.7	899.2	910.4	13.5	2.3
Building Materials and Garden Supplies	36.2	34.7	36.3	1.4	-.1
Lumber and Other Building Materials	18.1	17.4	17.9	.7	.1
General Merchandise Stores	119.3	118.6	123.4	.7	-4.1
Department Stores	99.5	99.0	102.9	.5	-3.4
Variety Stores	9.6	9.5	10.1	.1	-.5
Food Stores	139.6	138.7	139.4	.9	.2
Grocery Stores	124.0	123.3	123.4	.7	.5
Automotive Dealers and Service Stations	98.5	97.7	99.3	.8	-.9
New and Used Car Dealers	41.4	41.2	42.2	.2	-.8
Gasoline Service Stations	35.3	35.1	35.6	.3	-.2
Apparel and Accessory Stores	49.3	48.6	48.1	.6	1.2
Furniture and Homefurnishings Stores	31.2	31.1	30.8	.1	.4
Eating and Drinking Places	320.9	313.1	318.6	7.8	2.3
Miscellaneous Retail	117.8	116.7	114.4	1.1	3.4
Drug Stores and Proprietary Stores	31.3	31.1	30.6	.1	.7
Nonstore Retailers	22.8	22.6	22.0	.2	.8
Finance, Insurance, and Real Estate	256.6	254.9	254.2	1.7	2.4
Finance	120.9	120.5	120.6	.4	.3
Depository Institutions	89.2	88.9	89.7	.3	-.5
Commercial Banks	64.1	63.9	63.5	.2	.5
Insurance	91.3	90.7	90.4	.6	.8
Insurance Carriers	69.3	68.9	68.9	.4	.4
Life Insurance	25.3	25.3	25.2	.0	.2
Fire, Marine, and Casualty Insurance	30.9	30.8	30.6	.1	.3
Real Estate	44.5	43.7	43.3	.8	1.3
Services	1242.2	1228.3	1194.3	13.9	47.9
Hotels and Other Lodging Places	40.7	39.4	39.4	1.3	1.4
Personal Services	54.8	57.6	53.7	-2.8	1.0
Business Services	228.9	224.3	216.2	4.6	12.7
Services to Buildings	34.8	34.4	34.2	.4	.7
Personnel Supply Services	80.1	76.8	75.5	3.3	4.6
Computer and Data Processing Services	29.4	29.3	27.2	.1	2.2
Amusements, Including Motion Pictures	69.1	59.9	66.5	9.2	2.6
Health Services	406.9	405.7	392.5	1.3	14.4
Nursing and Personal Care Facilities	87.5	87.1	85.1	.4	2.4
Hospitals	193.8	193.6	188.6	.1	5.2
Legal Services	29.8	29.6	28.8	.2	1.1
Educational Services	64.7	68.5	63.0	-3.8	1.7
Colleges and Universities	35.5	39.6	34.3	-4.0	1.2
Social Services	83.2	82.9	79.1	.3	4.1
Residential Care	24.5	24.3	23.3	.2	1.3
Membership Organizations	79.1	78.7	78.7	.4	.4
Engineering and Management Services	93.2	93.3	89.5	-.1	3.7
Engineering and Architectural Services	29.5	29.2	28.0	.3	1.4
Accounting, Auditing, and Bookkeeping	21.7	22.4	21.0	-.7	.7
Research and Testing Services	19.4	19.2	19.1	.2	.3
Management and Public Relations	22.6	22.5	21.3	.1	1.2
Government	749.4	742.3	750.3	7.1	-.9
Federal Government	94.0	94.1	107.7	-.1	-13.7
U.S. Postal Service	33.0	33.1	33.8	-.1	-.8
State Government	172.7	172.8	169.1	-.1	3.6
State Government Hospitals	15.4	15.2	16.0	.1	-.6
State Government Education[h]	94.8	95.2	91.5	-.3	3.4
Local Government	482.7	475.4	473.4	7.3	9.3
Local Government Hospitals	14.5	14.5	14.0	.0	.5
Local Government Education	285.5	281.6	278.1	3.9	7.4

See footnotes on page 13.

Hours and Earnings of Production or Nonsupervisory Workers[a]

Not Seasonally Adjusted

Ohio

	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	May 1991[b]	Apr. 1991[c]	May 1990[c]	May 1991[b]	Apr. 1991[c]	May 1990[c]	May 1991[b]	Apr. 1991[c]	May 1990[c]
Goods-Producing Industries	$559.31	$551.15	$556.25	41.4	41.1	42.3	$13.51	$13.41	$13.15
Mining	601.48	595.21	628.04	44.0	43.1	44.7	13.67	13.81	14.05
Coal Mining	750.36	742.79	744.60	44.4	43.9	43.8	16.90	16.92	17.00
Construction	637.16	629.07	624.10	39.6	39.0	39.6	16.09	16.13	15.76
General Building Contractors	558.18	558.36	561.00	39.7	39.6	40.8	14.06	14.10	13.75
Heavy Construction, Except Building	764.37	691.81	639.14	44.7	41.6	39.6	17.10	16.63	16.14
Special Trade Contractors	632.06	636.41	638.96	38.4	38.2	39.2	16.46	16.66	16.30
Manufacturing	542.93	534.89	542.28	41.7	41.4	42.8	13.02	12.92	12.67
Durable Goods[f]	561.79	552.78	564.19	41.8	41.5	43.2	13.44	13.32	13.06
Lumber and Wood Products	343.10	318.40	311.38	40.7	38.5	38.3	8.43	8.27	8.13
Millwork, Plywood and Structural Members	408.90	369.72	354.78	43.5	40.1	40.5	9.40	9.22	8.76
Furniture and Fixtures	406.62	418.28	380.59	42.4	43.3	41.1	9.59	9.66	9.26
Stone, Clay, and Glass Products	493.73	494.56	495.79	41.7	41.7	43.0	11.84	11.86	11.53
Primary Metal Industries	639.21	635.58	657.34	42.9	42.8	44.9	14.90	14.85	14.64
Blast Furnace and Basic Steel Products	670.78	671.10	663.85	44.6	44.8	45.5	15.04	14.98	14.59
Iron and Steel Foundries	669.53	662.15	720.94	41.0	41.0	45.2	16.33	16.15	15.95
Nonferrous Rolling and Drawing	630.34	630.18	700.21	38.6	38.9	42.8	16.33	16.20	16.36
Nonferrous Foundries	488.50	451.56	484.02	45.4	42.6	44.9	10.76	10.60	10.78
Fabricated Metal Products	526.12	516.89	531.48	41.2	40.7	43.0	12.77	12.70	12.36
Fabricated Structural Metal Products	461.20	454.10	506.09	41.4	40.8	44.2	11.14	11.13	11.45
Metal Forgings and Stampings	656.12	641.72	662.38	41.5	40.9	44.1	15.81	15.69	15.02
Industrial Machinery and Equipment	537.16	532.97	547.67	41.9	41.9	43.5	12.82	12.72	12.59
Construction and Related Machinery	442.34	452.02	462.35	38.1	38.9	40.1	11.61	11.62	11.53
Metalworking Machinery	510.72	511.94	530.31	42.0	42.1	43.9	12.16	12.16	12.08
Special Industry Machinery	508.30	495.81	515.53	42.5	41.7	43.8	11.96	11.89	11.77
General Industrial Machinery	636.36	579.48	616.72	44.1	41.9	44.4	14.43	13.83	13.89
Computer and Office Equipment	477.12	488.17	459.50	40.4	41.3	41.1	11.81	11.82	11.18
Refrigeration and Service Machinery	578.28	571.84	613.44	41.1	40.7	42.6	14.07	14.05	14.40
Electronic and Other Electric Equipment	474.85	475.26	456.65	40.9	40.9	40.7	11.61	11.62	11.22
Electrical Industrial Apparatus	454.99	452.24	444.47	41.4	41.3	41.5	10.99	10.95	10.71
Household Appliances	485.61	482.33	477.18	40.1	39.6	39.6	12.11	12.18	12.05
Electric Lighting and Wiring Equipment	499.59	490.00	481.19	39.4	39.2	39.9	12.68	12.50	12.06
Electronic Components and Accessories	357.79	354.83	341.13	41.7	41.5	41.1	8.58	8.55	8.30
Transportation Equipment	732.31	704.33	742.29	42.7	41.8	45.4	17.15	16.85	16.35
Motor Vehicles and Equipment	757.56	720.51	776.32	42.8	41.6	46.1	17.70	17.32	16.84
Aircraft and Parts	660.83	675.74	661.32	42.8	43.4	44.0	15.44	15.57	15.03
Instruments and Related Products	395.18	398.19	385.49	39.4	39.7	39.7	10.03	10.03	9.71
Measuring and Controlling Devices	394.06	393.12	373.64	38.9	39.0	38.8	10.13	10.08	9.63
Nondurable Goods[g]	500.94	497.25	493.08	41.4	41.3	42.0	12.10	12.04	11.74
Food and Kindred Products	494.91	478.74	469.83	41.8	41.2	41.8	11.84	11.62	11.24
Dairy Products	483.42	499.48	486.17	42.0	42.8	43.1	11.51	11.67	11.28
Preserved Fruits and Vegetables	504.51	496.40	480.80	40.2	40.0	40.1	12.55	12.41	11.99
Bakery Products	507.67	491.98	504.27	39.6	38.8	40.7	12.82	12.68	12.39
Apparel and Other Textile Products	310.05	304.94	316.41	39.0	38.6	39.7	7.95	7.90	7.97
Paper and Allied Products	524.61	522.44	515.09	43.5	43.5	44.1	12.06	12.01	11.68
Paperboard Containers and Boxes	471.96	463.08	462.27	43.7	43.4	43.9	10.80	10.67	10.53
Miscellaneous Converted Paper Products	455.51	454.98	470.67	41.0	41.1	43.3	11.11	11.07	10.87
Printing and Publishing	482.39	483.15	465.71	39.9	39.7	39.4	12.09	12.17	11.82
Newspapers	382.00	380.58	383.58	32.4	32.5	33.5	11.79	11.71	11.45
Commercial Printing	469.27	480.22	459.15	40.7	40.8	40.1	11.53	11.77	11.45
Chemicals and Allied Products	607.48	609.18	609.00	42.6	42.9	43.1	14.26	14.20	14.13
Plastics Materials and Synthetics	689.47	683.39	672.55	43.2	43.5	43.9	15.96	15.71	15.32
Rubber and Miscellaneous Plastics Products	452.18	453.46	460.82	40.7	41.0	42.2	11.11	11.06	10.92
Tires and Inner Tubes	712.51	706.63	774.45	43.0	42.8	47.6	16.57	16.51	16.27
Miscellaneous Plastics Products	434.16	433.05	441.19	40.5	40.7	41.7	10.72	10.64	10.58
Service-Producing Industries	.....	.....	.....	....	....	....	.....	.....	.....
Transportation and Public Utilities	.....	.....	.....	....	....	....	.....	.....	.....
Communications, Electric, Gas Services	657.90	648.61	616.33	43.0	42.7	41.7	15.30	15.19	14.78
Communications	650.76	645.84	559.32	43.5	43.2	39.5	14.96	14.95	14.16
Electric, Gas, and Sanitary Services	668.10	652.13	683.55	42.5	42.1	44.3	15.72	15.49	15.43
Wholesale Trade	426.50	423.84	415.91	39.2	39.1	39.2	10.88	10.84	10.61
Wholesale Trade-Durable Goods	423.55	422.76	411.21	39.4	39.4	39.2	10.75	10.73	10.49
Motor Vehicles, Parts, and Supplies	342.50	346.82	353.44	38.7	39.1	37.6	8.85	8.87	9.40
Metals and Minerals, Except Petroleum	515.53	486.36	472.36	44.1	42.0	42.1	11.69	11.58	11.22
Wholesale Trade-Nondurable Goods	431.01	426.14	423.45	38.9	38.6	39.1	11.08	11.04	10.83

See footnotes on page 13.

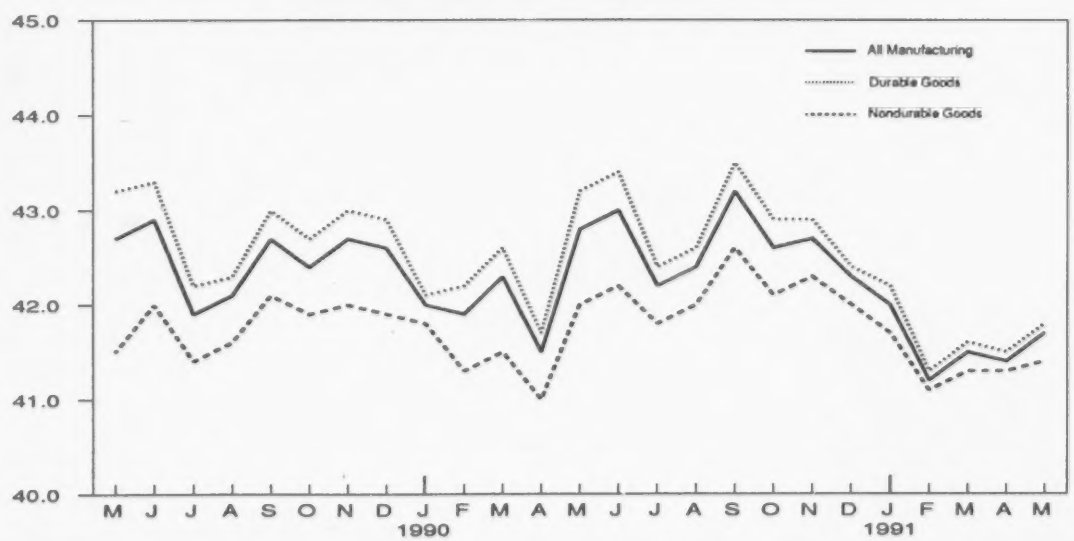
Hours and Earnings of Production or Nonsupervisory Workers[a]

Not Seasonally Adjusted

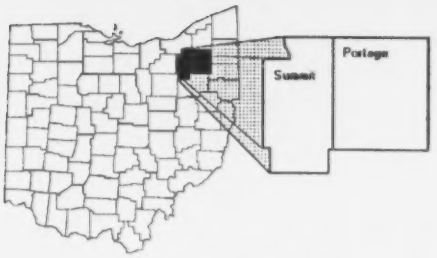
	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	May 1991[b]	Apr. 1991[c]	May 1990[c]	May 1991[b]	Apr. 1991[c]	May 1990[c]	May 1991[b]	Apr. 1991[c]	May 1990[c]
Retail Trade[i]	$185.15	$183.15	$178.44	27.8	27.5	28.1	$ 6.66	$ 6.66	$ 6.35
General Merchandise Stores	208.66	206.91	192.19	28.9	28.5	28.6	7.22	7.26	6.72
Department Stores	214.91	212.38	195.73	29.2	28.7	28.7	7.36	7.40	6.82
Finance, Insurance, and Real Estate	362.94	362.90	352.67	....	....	....	.....	.....	.....
Finance	337.38	337.81	325.28	....	....	....	.....	.....	.....
Depository Institutions	282.98	281.13	277.74	....	....	....	.....	.....	.....
Commercial Banks	273.24	274.79	274.23	....	....	....	.....	.....	.....
Insurance	432.89	430.72	419.52	....	....	....	.....	.....	.....
Insurance Carriers	420.68	418.95	407.07	....	....	....	.....	.....	.....
Life Insurance	395.67	389.55	383.56	....	....	....	.....	.....	.....
Fire, Marine, and Casualty Insurance	458.44	457.63	435.56	....	....	....	.....	.....	.....
Services	.....	.....	.....	....	....	....	.....	.....	.....
Business Services	265.79	265.32	241.08	33.1	33.0	32.8	8.03	8.04	7.35
Health Services	327.14	324.14	311.58	31.7	31.5	31.6	10.32	10.29	9.86
Nursing and Personal Care Facilities	224.83	223.94	208.24	31.8	31.9	31.6	7.07	7.02	6.59
Hospitals	379.32	377.82	365.15	32.2	32.1	32.2	11.78	11.77	11.34
Engineering and Management Services	518.40	523.43	484.98	35.9	36.4	35.4	14.44	14.38	13.70
Engineering and Architectural Services	725.92	712.42	683.26	34.9	34.4	33.2	20.80	20.71	20.58
Research and Testing Services	409.91	416.08	375.58	35.8	35.9	35.6	11.45	11.59	10.55

[a]See Technical Notes for concepts. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [f]Includes miscellaneous manufacturing industries. [g]Includes tobacco products; textile mill products; petroleum and coal products; leather and leather products. [h]Includes State universities, State schools for the deaf and blind, and the State library. Excludes the agricultural extension service, agricultural research centers, and the Ohio Department of Education. [i]Money payments only; tips not included. [l]Depressed due to labor-management disputes.

Average Weekly Hours of Production Workers in Ohio Manufacturing Industries



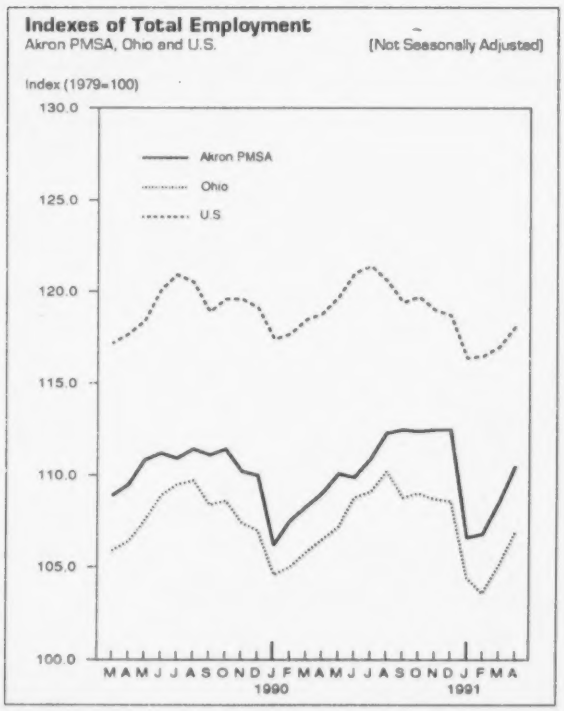
Akron
Primary Metropolitan Statistical Area

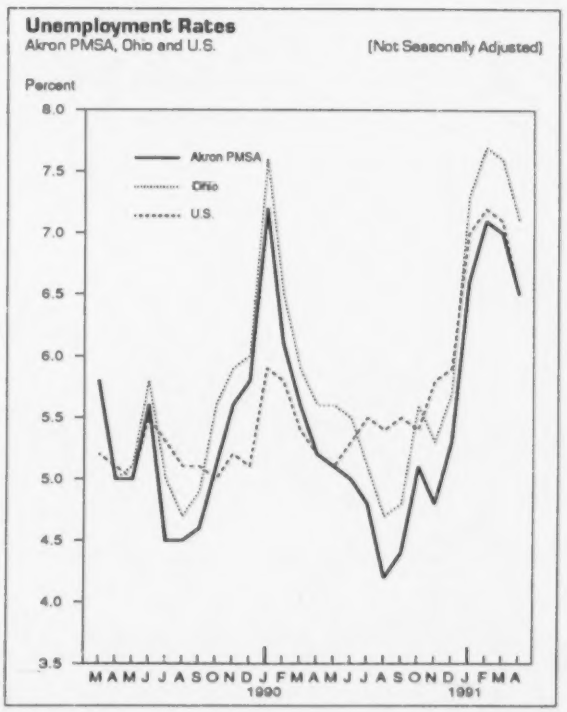


Nonfarm payroll employment in the Akron metropolitan area rose 3,700 above the April level to 291,700 in May 1991. More business in services, especially amusements, including motion pictures, and seasonal increases in retail trade and local government added 2,900 jobs in the service-producing sector. Employment in goods-producing industries totaled 77,500, up 800 over the month, due to improvements in construction and slight gains in manufacturing, particularly fabricated metal products. Factory production workers averaged $11.92 per hour, fractionally higher than April. Their average workweek of 42.1 hours was 0.6 hours longer.

Nonagricultural wage and salary employment advanced 2,700 between May 1990 and May 1991. Expansion in services, primarily health services, raised employment in service-producing industries 3,600. Nominal over-the-year declines were posted in retail trade and wholesale trade. Scattered cutbacks in manufacturing and modest decreases in construction lowered employment in goods-producing industries 800. Reductions in fabricated metal products and industrial machinery and equipment outweighed a gain in food and kindred products.

Seasonally adjusted employment in the Akron area totaled 288,000 in May 1991, unchanged from April. Since May 1990, nonfarm payroll employment advanced 2,000 as expansion in services more than offset fewer jobs in construction and manufacturing.





Akron PMSA Labor Force and Employment Data

(Employed and Unemployed in Thousands)

Civilian Labor Force					Nonagricultural Wage & Salary Employment					
						Manufacturing Employment				
							Manufacturing Production Workers			
								Hours & Earnings		
Total	Employed	Unemployed						Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
		Total	Rate							
304.5	278.3	26.2	8.6	1980	262.4	79.1	47.5	$361.88	41.5	$ 8.72
304.1	274.9	29.1	9.6	1981	259.5	75.7	43.7	397.10	41.8	9.50
303.9	268.0	35.9	11.8	1982	248.8	68.3	36.9	403.03	41.0	9.83
302.5	265.2	37.3	12.3	1983	244.7	65.2	33.4	452.12	43.1	10.49
316.5	285.8	30.6	9.7	1984	252.2	67.9	38.0	470.65	43.7	10.77
317.8	289.9	28.0	8.8	1985	257.6	68.1	37.3	475.20	43.2	11.00
320.4	294.8	25.6	8.0	1986	260.7	67.2	36.4	484.70	43.2	11.22
320.3	297.5	22.7	7.1	1987	265.1	66.4	36.5	487.03	43.1	11.30
324.9	305.2	19.7	6.1	1988	272.7	66.2	37.7	502.28	43.3	11.60
331.6	313.7	17.8	5.4	1989	281.0	67.3	39.3	495.75	42.7	11.61
332.3	314.9	17.3	5.2	1990	285.9	67.0	38.2	510.60	42.8	11.93
				1990						
330.9	314.1	16.7	5.1	May	289.0	66.9	38.2	516.00	43.0	12.00
329.9	313.6	16.4	5.0	June	285.3	67.1	38.3	524.36	43.3	12.11
332.4	316.5	15.9	4.8	July	284.1	66.8	37.9	509.92	42.6	11.97
334.4	320.5	13.9	4.2	August	285.2	67.0	38.1	529.40	43.5	12.17
335.8	321.1	14.7	4.4	September	292.1	67.7	38.7	529.91	43.4	12.21
337.9	320.8	17.1	5.1	October	291.7	68.3	39.3	519.16	42.8	12.13
337.5	321.2	16.3	4.8	November	292.3	68.0	39.1	515.81	43.2	11.94
339.2	321.1	18.1	5.3	December	292.0	68.0	39.1	515.66	42.9	12.02
				1991						
326.0	304.3	21.6	6.6	January	279.7	67.3	38.6	507.03	42.5	11.93
328.0	304.7	23.3	7.1	February	282.0	65.6	36.8	484.38	41.4	11.70
333.1	309.7	23.4	7.0	March	285.0	66.3	37.6	489.70	41.5	11.80
337.6	315.5	22.1	6.5	April	288.1	66.2	37.4	493.44	41.5	11.89
INA	INA	INA	INA	May	291.7	66.3	37.6	501.83	42.1	11.92

INA – Information not available

Akron PMSA Nonagricultural Wage and Salary Employment

Seasonally Adjusted

(In Thousands)

Total	Goods–Producing Industries	Construction	Manufacturing		Service–Producing Industries	Transportation & Public Utilities	Wholesale Trade	Retail Trade	Finance, Insurance, & Real Estate	Services	Government
262	88	8	79	1980	175	14	12	45	9	50	44
260	84	8	76	1981	175	14	13	45	9	52	42
249	76	7	68	1982	173	13	12	45	9	52	41
245	73	7	65	1983	172	13	12	45	9	52	41
252	76	8	68	1984	176	13	13	47	9	53	41
258	77	8	68	1985	180	13	13	49	10	54	42
261	76	9	67	1986	184	13	14	50	10	56	42
265	76	9	66	1987	189	13	14	52	11	58	42
273	76	10	66	1988	196	13	15	53	11	62	43
281	78	10	67	1989	203	13	15	55	10	66	44
286	78	11	67	1990	208	14	15	54	11	69	45
				1990							
286	78	11	67	May	208	14	15	54	11	69	45
285	78	10	67	June	208	14	15	54	11	69	45
286	78	10	67	July	208	14	15	54	11	70	45
287	78	10	67	August	209	14	15	54	11	70	45
287	78	10	67	September	209	14	15	54	11	70	45
287	79	10	68	October	209	14	15	54	11	70	45
288	79	10	68	November	210	14	15	54	11	71	45
289	79	11	68	December	210	14	15	55	11	71	45
				1991							
289	79	10	68	January	209	14	15	54	11	71	45
287	77	10	66	February	210	14	15	54	11	71	45
288	78	10	67	March	210	14	15	54	11	71	45
288	77	10	66	April	211	14	15	54	11	72	45
288	77	10	66	May	211	14	15	54	11	72	45

Nonagricultural Wage and Salary Employment[a]

Not Seasonally Adjusted

Akron PMSA

	Employment (in thousands)			Change[d] (in thousands)	
	May 1991[b]	Apr. 1991[c]	May 1990[c]	From Last Month	From Last Year
Total	291.7	288.1	289.0	3.7	2.7
Goods-Producing Industries[e]	77.5	76.7	78.4	.8	-.8
Construction	10.6	10.0	10.8	.6	-.2
Manufacturing	66.3	66.2	66.9	.2	-.6
Durable Goods[f]	33.7	33.6	34.8	.1	-1.1
Fabricated Metal Products	9.9	9.8	10.7	.1	-.8
Fabricated Structural Metal Products	4.4	4.4	4.6	.0	-.1
Industrial Machinery and Equipment	9.5	9.5	10.2	0	-.6
Metalworking Machinery	4.3	4.3	4.0	.0	.3
Electronic and Other Electric Equipment	2.4	2.4	2.5	.0	-.1
Transportation Equipment	4.9	4.9	4.9	.0	-.1
Nondurable Goods[g]	32.6	32.6	32.1	.0	.5
Food and Kindred Products	3.4	3.4	3.1	.0	.3
Chemicals and Allied Products	3.6	3.6	3.5	.0	.1
Rubber and Miscellaneous Plastics Products	19.1	19.2	19.3	.0	-.1
Tires and Inner Tubes	10.2	10.3	10.3	.0	.0
Service-Producing Industries	214.2	211.3	210.6	2.9	3.6
Transportation and Public Utilities	13.9	13.8	13.8	.0	.1
Communications, Electric, Gas Services	5.5	5.5	5.5	.0	.0
Wholesale Trade	14.9	14.8	15.0	.1	-.1
Retail Trade	54.0	53.2	54.3	.7	-.3
General Merchandise Stores	5.7	5.6	6.3	.0	-.7
Food Stores	8.9	8.8	8.9	.1	.0
Finance, Insurance, and Real Estate	10.9	10.7	10.9	.2	.0
Finance	5.3	5.3	5.4	.0	-.1
Services	72.8	71.4	69.4	1.4	3.5
Business Services	12.3	12.1	11.7	.2	.6
Personnel Supply Services	3.4	3.3	3.4	.1	.0
Amusements, Including Motion Pictures	6.4	5.5	6.0	.9	.4
Health Services	23.4	23.3	22.2	.1	1.2
Nursing and Personal Care Facilities	4.0	3.9	3.7	.0	.3
Hospitals	11.6	11.6	11.1	.0	.5
Social Services	5.5	5.5	5.1	.0	.4
Engineering and Management Services	5.4	5.3	5.0	.0	.4
Government	47.8	47.4	47.4	.4	.4
Federal Government	2.6	2.6	3.0	.0	-.4
State Government	17.7	17.7	17.3	-.1	.3
State Government Education[h]	14.8	14.9	14.5	-.1	.4
Local Government	27.6	27.1	27.1	.5	.5
Local Government Education	15.1	14.9	14.9	.2	.2

Hours and Earnings of Production or Nonsupervisory Workers[a]

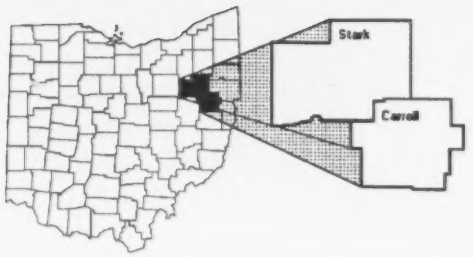
Not Seasonally Adjusted

Akron PMSA

	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	May 1991[b]	Apr. 1991[c]	May 1990[c]	May 1991[b]	Apr. 1991[c]	May 1990[c]	May 1991[b]	Apr. 1991[c]	May 1990[c]
Manufacturing	$501.83	$493.44	$516.00	42.1	41.5	43.0	$11.92	$11.89	$12.00
Durable Goods[f]	506.51	501.26	530.27	42.6	42.3	43.5	11.89	11.85	12.19
Fabricated Metal Products	573.87	562.95	689.02	40.3	39.7	45.6	14.24	14.18	15.11
Fabricated Structural Metal Products	474.56	476.14	561.51	40.7	40.8	45.8	11.66	11.67	12.26
Industrial Machinery and Equipment	509.35	507.07	465.65	45.6	45.6	43.6	11.17	11.12	10.68
Metalworking Machinery	579.59	569.76	496.16	47.9	48.0	44.3	12.10	11.87	11.20
Electronic and Other Electric Equipment	431.55	430.03	423.52	41.1	40.8	41.4	10.50	10.54	10.23
Transportation Equipment	626.25	634.25	617.02	42.2	43.0	42.7	14.84	14.75	14.45
Nondurable Goods[g]	495.56	483.98	495.76	41.4	40.5	42.3	11.97	11.95	11.72
Food and Kindred Products	396.54	379.62	381.42	38.8	38.0	39.2	10.22	9.99	9.73
Chemicals and Allied Products	559.80	552.35	533.58	42.7	42.1	43.1	13.11	13.12	12.38
Rubber and Miscellaneous Plastics Products	502.95	488.72	512.87	42.3	41.0	43.5	11.89	11.92	11.79
Transportation and Public Utilities	.....	.....	.....	....	....	....	.....	.....	.....
Communications, Electric, Gas Services	631.53	623.28	597.37	42.7	42.4	41.0	14.79	14.70	14.57
Wholesale Trade	381.02	377.95	362.96	37.1	37.2	36.7	10.27	10.16	9.89
Retail Trade[i]	222.17	215.82	214.29	30.9	30.1	30.7	7.19	7.17	6.98
General Merchandise Stores	194.09	190.00	201.23	28.5	27.9	29.9	6.81	6.81	6.73
Food Stores	332.01	317.16	312.12	37.6	36.0	36.0	8.83	8.81	8.67
Finance, Insurance, and Real Estate	.....	.....	.....	....	....	....	.....	.....	.....
Finance	292.75	289.66	284.12	....	....	....	.....	.....	.....

[a]See Technical Notes for concepts. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes mining. [f]Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; primary metal industries; instruments and related products; miscellaneous manufacturing industries. [g]Includes tobacco products; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; petroleum and coal products; leather and leather products. [h]Includes State universities. Excludes the agricultural extension service and the Ohio Department of Education. [i]Money payments only; tips not included. [j]Depressed due to labor-management disputes.

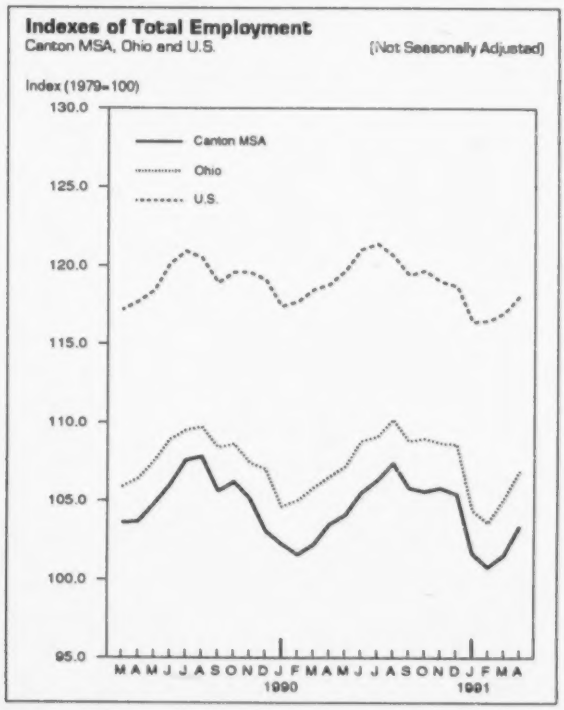
Canton Metropolitan Statistical Area

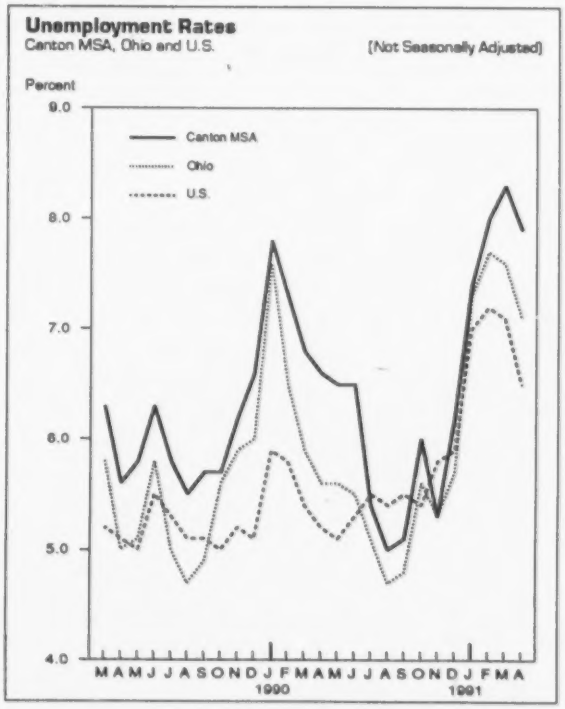


In the Canton metropolitan area, total nonfarm payroll employment rose 2,100 above the April level to 167,000 in May 1991. Employment in the service-producing sector increased 1,300. Modest gains occurred in retail trade, local government, and services. Improvements in manufacturing, especially primary metal industries, and more business in construction raised employment in goods-producing industries 800 over the month to 52,100. Factory production workers averaged $11.31 per hour, up 7 cents from April. Their average workweek of 41.3 hours was 0.2 hours shorter.

Nonagricultural wage and salary employment declined 200 between May 1990 and May 1991. Scattered production cutbacks in manufacturing lowered employment in the goods-producing sector 1,200. Reductions were posted in fabricated metal products, rubber and miscellaneous plastics products, and electronic and other electric equipment. Service-producing industries added 1,000 jobs to the workforce as expansion in services overshadowed nominal decreases in federal government, retail trade, and finance, insurance, and real estate.

Seasonally adjusted employment in the Canton area totaled 166,000 in May 1991, unchanged from April. An improvement in manufacturing counterbalanced scattered declines. Since May 1990, nonfarm payroll employment dropped 1,000. Decreases in manufacturing, retail trade, and government outweighed a gain in services.





Canton MSA Labor Force and Employment Data

(Employed and Unemployed in Thousands)

Civilian Labor Force					Nonagricultural Wage & Salary Employment					
						Manufacturing Employment				
							Manufacturing Production Workers			
								Hours & Earnings		
Total	Employed	Unemployed						Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
		Total	Rate							
187.7	170.9	16.8	8.9	1980	157.1	55.7	40.1	$342.81	39.0	$ 8.79
188.4	170.1	18.2	9.7	1981	156.6	54.8	39.6	390.40	40.0	9.76
191.4	164.3	27.0	14.1	1982	148.6	47.6	33.3	394.49	38.6	10.22
187.0	159.5	27.5	14.7	1983	143.4	43.5	30.6	422.14	39.6	10.66
188.1	168.1	19.9	10.6	1984	149.1	46.4	33.6	437.53	40.4	10.83
189.5	169.5	20.0	10.6	1985	151.5	46.2	33.8	435.81	39.8	10.95
190.5	171.2	19.4	10.2	1986	151.9	43.7	31.0	451.76	40.3	11.21
190.4	174.7	15.7	8.2	1987	156.4	44.0	31.2	475.15	41.9	11.34
190.5	178.0	12.6	6.6	1988	160.1	45.3	32.4	462.21*	42.6*	10.85*
194.3	182.5	11.8	6.1	1989	164.5	45.7	32.6	466.91	41.8	11.17
193.8	181.8	12.0	6.2	1990	166.0	44.8	31.3	481.37	42.3	11.38
				1990						
193.5	180.9	12.6	6.5	May	167.1	44.7	31.0	479.94	42.1	11.40
196.0	183.3	12.8	6.5	June	168.2	45.1	31.5	487.60	42.4	11.50
195.2	184.6	10.6	5.4	July	167.2	45.2	31.5	485.18	42.3	11.47
196.4	186.5	9.9	5.0	August	167.4	45.1	31.4	484.08	42.5	11.39
193.6	183.8	9.8	5.1	September	168.2	45.5	32.0	491.63	42.9	11.46
195.0	183.4	11.6	6.0	October	167.9	44.8	31.4	485.60	42.3	11.48
194.1	183.8	10.3	5.3	November	168.2	44.9	31.4	484.34	42.3	11.45
195.3	183.1	12.2	6.2	December	167.5	44.4	31.0	473.30	41.7	11.35
				1991						
190.8	176.6	14.1	7.4	January	163.8	44.2	30.7	473.05	41.9	11.29
190.3	175.1	15.2	8.0	February	162.7	43.5	30.1	466.46	41.5	11.24
192.5	176.5	16.0	8.3	March	163.2	43.2	29.9	470.25	41.8	11.25
195.0	179.6	15.4	7.9	April	164.9	43.1	29.7	466.46	41.5	11.24
INA	INA	INA	INA	May	167.0	43.6	30.1	467.10	41.3	11.31

INA – Information not available

*Not comparable to previous estimates due to change in estimating methodology.

Canton MSA Nonagricultural Wage and Salary Employment

Seasonally Adjusted

(In Thousands)

Total	Goods-Producing Industries	Construction	Manufacturing		Service-Producing Industries	Transportation & Public Utilities	Wholesale Trade	Retail Trade	Finance, Insurance, & Real Estate	Services	Government
157	62	5	56	1980	95	7	7	26	6	29	19
157	61	5	55	1981	95	7	8	26	6	30	19
149	54	5	48	1982	95	6	8	26	6	30	18
143	49	4	44	1983	94	6	7	26	6	31	18
149	53	5	46	1984	97	6	8	27	6	31	18
151	53	5	46	1985	99	6	8	29	6	32	18
152	50	5	44	1986	102	6	8	30	6	33	18
156	51	6	44	1987	106	6	8	31	7	36	18
160	52	6	45	1988	108	6	8	32	7	37	19
164	54	7	46	1989	111	6	9	33	7	38	19
166	53	8	45	1990	113	6	9	33	7	40	19
				1990							
167	53	8	45	May	113	6	9	33	7	40	20
166	53	7	45	June	113	6	9	33	7	40	19
166	53	7	45	July	113	6	9	33	7	40	20
167	53	7	45	August	114	6	9	33	7	40	20
167	53	7	45	September	113	6	9	33	7	40	20
166	53	7	45	October	113	6	9	33	7	40	19
166	53	7	45	November	113	6	9	32	7	40	19
166	53	7	44	December	114	6	9	32	7	41	19
				1991							
167	53	8	45	January	114	6	9	33	7	40	20
167	52	8	44	February	114	6	9	33	7	41	20
166	52	8	44	March	114	6	9	33	7	41	19
166	52	8	43	April	114	6	9	32	7	41	19
166	52	8	44	May	114	6	9	32	7	41	19

Nonagricultural Wage and Salary Employment[a]

Not Seasonally Adjusted

Canton MSA

	Employment (in thousands)			Change[d] (in thousands)	
	May 1991[b]	Apr. 1991[c]	May 1990[c]	From Last Month	From Last Year
Total	167.0	164.9	167.1	2.1	-.2
Goods-Producing Industries[e]	52.1	51.3	53.3	.8	-1.2
Construction	7.7	7.4	7.9	.3	-.1
Manufacturing	43.6	43.1	44.7	.5	-1.1
Durable Goods[f]	33.0	32.5	33.4	.5	-.5
Primary Metal Industries	11.6	11.3	11.3	.4	.3
Fabricated Metal Products	5.2	5.2	5.7	.0	-.5
Electronic and Other Electric Equipment	3.9	3.9	4.2	.0	-.4
Nondurable Goods[g]	10.7	10.6	11.3	.1	-.6
Food and Kindred Products	2.9	2.9	3.0	.0	.0
Rubber and Miscellaneous Plastics Products	2.4	2.4	2.9	.0	-.5
Service-Producing Industries	114.8	113.6	113.8	1.3	1.0
Transportation and Public Utilities	5.8	5.7	5.7	.1	.1
Communications, Electric, Gas Services	2.9	2.9	2.8	.0	.1
Wholesale Trade	8.9	8.8	8.8	.1	.2
Retail Trade	32.4	31.9	32.7	.5	-.3
General Merchandise Stores	3.5	3.5	3.9	.0	-.4
Food Stores	5.6	5.5	5.5	.1	.0
Finance, Insurance, and Real Estate	6.6	6.6	6.8	.0	-.2
Finance	3.8	3.8	4.0	.0	-.1
Services	41.4	41.2	39.8	.2	1.6
Health Services	16.4	16.4	15.9	.0	.5
Nursing and Personal Care Facilities	3.9	3.9	3.8	.0	.1
Hospitals	7.6	7.6	7.4	.0	.2
Government	19.7	19.4	20.1	.3	-.4
Federal Government	1.4	1.5	1.9	.0	-.5
State Government (Includes Education)	1.7	1.7	1.8	.0	-.1
Local Government	16.6	16.3	16.4	.3	.2
Local Government Education	10.1	9.9	9.9	.2	.1

Hours and Earnings of Production or Nonsupervisory Workers[a]

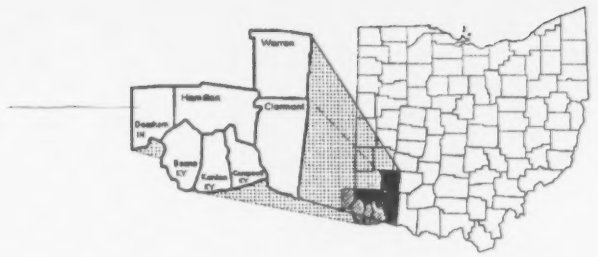
Not Seasonally Adjusted

Canton MSA

	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	May 1991[b]	Apr. 1991[c]	May 1990[c]	May 1991[b]	Apr. 1991[c]	May 1990[c]	May 1991[b]	Apr. 1991[c]	May 1990[c]
Manufacturing	$467.10	$466.46	$479.94	41.3	41.5	42.1	$11.31	$11.24	$11.40
Durable Goods[f]	480.70	479.52	498.10	41.8	42.1	42.5	11.50	11.39	11.72
Primary Metal Industries	524.18	505.74	548.35	43.5	43.3	44.8	12.05	11.68	12.24
Fabricated Metal Products	442.46	451.67	447.08	39.4	39.9	39.6	11.23	11.32	11.29
Electronic and Other Electric Equipment	597.40	581.13	500.04	41.2	40.3	37.4	14.50	14.42	13.37
Nondurable Goods[g]	424.27	423.05	424.54	39.8	39.5	40.9	10.66	10.71	10.38
Food and Kindred Products	421.01	419.25	442.26	39.2	39.0	40.5	10.74	10.75	10.92
Rubber and Miscellaneous Plastics Products	416.56	419.00	419.99	41.0	41.2	42.9	10.16	10.17	9.79
Transportation and Public Utilities	.....	.....	.....	....	....	....	.....	.....	.....
Communications, Electric, Gas Services	648.22	635.46	574.86	42.9	42.0	40.2	15.11	15.13	14.30
Wholesale Trade	388.61	396.68	383.62	38.4	38.7	38.4	10.12	10.25	9.99
Retail Trade[i]	176.46	176.09	172.87	27.4	27.3	28.2	6.44	6.45	6.13
General Merchandise Stores	186.70	193.07	187.78	27.7	27.7	28.8	6.74	6.97	6.52
Food Stores	179.77	172.08	164.54	28.4	27.8	27.7	6.33	6.19	5.94
Services	.....	.....	.....	....	....	....	.....	.....	.....
Health Services	.....	.....	.....	....	....	....	.....	.....	.....
Nursing and Personal Care Facilities	199.98	200.03	185.06	30.3	30.4	29.8	6.60	6.58	6.21

[a]See Technical Notes for concepts. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes mining. [f]Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; industrial machinery and equipment; transportation equipment; instruments and related products; miscellaneous manufacturing industries. [g]Includes tobacco products; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; leather and leather products. [i]Money payments only; tips not included. [j]Depressed due to labor-management disputes.

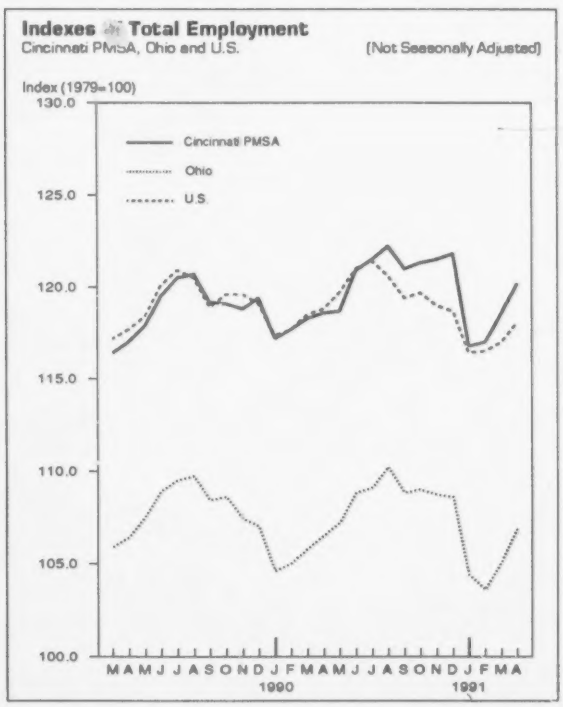
Cincinnati Primary Metropolitan Statistical Area

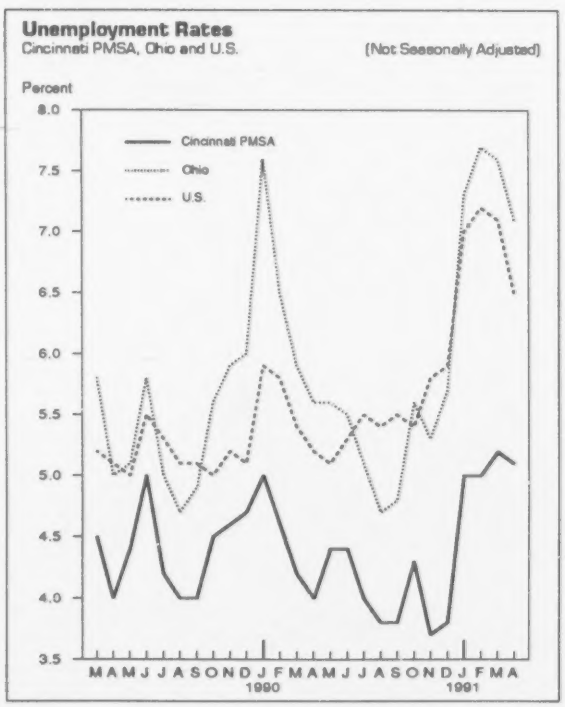


Nonfarm wage and salary employment in the Cincinnati metropolitan area rose 7,100 above the April level to 758,400 in May 1991. Seasonal growth in services, primarily amusements, including motion pictures, and more business in retail trade helped raise employment in the service-producing sector 4,800. The number of employees in goods-producing industries increased 2,300 over the month to 180,000 due to gains in construction and improvements in durable-goods manufacturing, especially transportation equipment (+1,200). Factory production workers averaged $12.45 per hour, up 18 cents from April. Their average workweek of 42.4 hours was 0.7 hours longer.

Nonagricultural payroll employment advanced 11,800 between May 1990 and May 1991. Expansion in service-producing industries created 14,000 jobs. The leading growth sector was services with noteworthy gains occurring in business services, health services, and engineering and management services. Moderate increases were posted in retail trade, local and state schools, and transportation and public utilities. Employment in goods-producing industries fell 2,200 below the year-ago level. Cutbacks in durable-goods manufacturing and decreased employment in construction outweighed improvements in nondurable-goods manufacturing. Reductions in transportation equipment and electronic and other electric equipment were partially offset by increases in chemicals and allied products and printing and publishing.

Seasonally adjusted employment in the Cincinnati area increased 1,000 from April to 754,000 in May 1991 with a modest gain in services. Since May 1990, nonfarm payroll employment advanced 12,000 primarily due to expansion in services (+10,000). Employment in manufacturing declined over the year.





Cincinnati PMSA Labor Force and Employment Data

(Employed and Unemployed in Thousands)

Civilian Labor Force					Nonagricultural Wage & Salary Employment					
						Manufacturing Employment				
							Manufacturing Production Workers			
								Hours & Earnings		
Total	Employed	Unemployed						Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
		Total	Rate							
676.2	628.8	47.5	7.0	1980	600.7	162.4	106.6	$332.07	41.2	$ 8.06
678.5	619.3	59.1	8.7	1981	592.2	157.3	103.5	360.86	41.1	8.78
684.3	612.4	71.9	10.5	1982	575.3	146.3	95.5	387.59	40.5	9.57
687.6	615.2	72.4	10.5	1983	575.6	140.4	87.7	415.52	41.1	10.11
695.9	638.4	57.5	8.3	1984	600.8	145.0	96.5	441.41	41.8	10.56
710.6	659.1	51.5	7.2	1985	628.1	147.1	96.8	441.74	41.4	10.67
727.8	680.7	47.2	6.5	1986	650.8	147.7	95.5	453.00	42.1	10.76
744.2	700.2	44.0	5.9	1987	677.7	146.0	93.4	467.57	42.7	10.95
761.3	722.2	39.0	5.1	1988	701.6	145.7	92.5	476.15	42.4	11.23
778.4	743.5	34.8	4.5	1989	724.5	146.2	92.3	497.64	42.9	11.60
786.9	754.1	32.8	4.2	1990	744.0	148.1	92.9	518.49	43.1	12.03
				1990						
779.9	745.7	34.2	4.4	May	746.6	147.3	92.3	519.60	43.3	12.00
794.3	759.1	35.2	4.4	June	751.5	148.5	93.2	528.00	43.6	12.11
795.1	763.4	31.7	4.0	July	747.0	148.3	93.0	516.86	43.0	12.02
798.0	767.7	30.4	3.8	August	748.3	148.5	93.3	529.83	43.5	12.18
790.3	760.0	30.3	3.8	September	753.3	149.3	93.8	529.48	43.4	12.20
795.9	761.9	34.0	4.3	October	753.9	149.5	93.7	526.25	43.1	12.21
791.9	762.9	29.0	3.7	November	754.6	149.4	93.2	527.47	43.2	12.21
795.3	765.0	30.2	3.8	December	757.6	148.6	92.3	532.29	43.1	12.35
				1991						
772.3	733.9	38.4	5.0	January	737.3	147.3	91.5	521.14	42.3	12.32
773.1	734.6	38.5	5.0	February	737.9	146.6	91.0	515.76	42.0	12.28
785.8	745.0	40.7	5.2	March	744.4	146.0	90.3	516.18	42.0	12.29
796.0	755.2	40.7	5.1	April	751.3	144.7	89.3	511.66	41.7	12.27
INA	INA	INA	INA	May	758.4	145.7	90.4	527.88	42.4	12.45

INA – Information not available

Cincinnati PMSA Nonagricultural Wage and Salary Employment

Seasonally Adjusted

(In Thousands)

Total	Goods-Producing Industries	Construction	Manufacturing		Service-Producing Industries	Transportation & Public Utilities	Wholesale Trade	Retail Trade	Finance, Insurance, & Real Estate	Services	Government
601	188	25	162	1980	413	34	39	102	33	122	84
592	180	22	157	1981	412	33	38	102	33	124	82
575	167	20	146	1982	408	32	37	102	32	124	80
576	161	20	140	1983	414	31	37	105	33	130	79
601	167	22	145	1984	433	32	39	111	34	137	79
628	171	23	147	1985	457	34	41	118	36	147	81
651	174	26	148	1986	477	33	42	122	38	156	85
678	176	30	146	1987	502	36	44	127	40	168	87
702	178	32	146	1988	524	38	45	135	42	176	88
725	180	34	146	1989	544	39	48	141	43	184	90
744	182	34	148	1990	562	41	49	141	44	193	94
				1990							
742	183	34	148	May	560	41	48	140	44	191	95
744	182	34	148	June	562	41	49	141	44	193	94
745	182	34	148	July	564	41	49	141	44	193	96
746	182	34	148	August	564	41	49	141	44	194	95
746	182	33	148	September	564	41	49	141	44	195	94
749	182	33	149	October	567	42	49	141	44	198	94
749	182	33	148	November	568	42	49	141	44	197	95
750	181	33	148	December	569	42	49	141	44	198	95
				1991							
752	182	33	148	January	570	42	48	142	44	198	96
753	182	34	148	February	571	42	49	141	44	199	96
754	181	34	147	March	573	42	48	142	44	200	96
753	180	34	146	April	573	42	49	142	44	200	96
754	180	34	146	May	574	42	49	142	44	201	96

Nonagricultural Wage and Salary Employment[a]

Not Seasonally Adjusted

Cincinnati PMSA

	Employment (in thousands)			Change[d] (in thousands)	
	May 1991[b]	Apr. 1991[c]	May 1990[c]	From Last Month	From Last Year
Total	758.4	751.3	746.6	7.1	11.8
Goods-Producing Industries[e]	180.0	177.7	182.2	2.3	-2.2
Construction	33.9	32.6	34.5	1.3	-.6
Manufacturing	145.7	144.7	147.3	1.0	-1.6
Durable Goods[f]	76.4	75.5	79.9	.9	-3.5
Fabricated Metal Products	11.4	11.5	11.8	-.1	-.4
Fabricated Structural Metal Products	4.1	4.1	4.3	-.1	-.2
Industrial Machinery and Equipment	18.6	18.6	19.0	.0	-.4
Electronic and Other Electric Equipment	7.2	7.4	8.0	-.2	-.8
Transportation Equipment	23.9	22.8	24.9	1.2	-1.0
Motor Vehicles and Equipment	4.8	3.6	5.0	1.2	-.2
Instruments and Related Products	3.7	3.7	4.0	.0	-.3
Nondurable Goods[g]	69.3	69.2	67.4	.1	1.9
Food and Kindred Products	12.2	12.3	11.9	.0	.4
Beverages	2.8	2.8	2.7	.0	.1
Apparel and Other Textile Products	3.3	3.2	3.3	.0	-.1
Paper and Allied Products	6.1	6.2	5.7	.0	.4
Printing and Publishing	15.1	15.1	14.5	.0	.5
Commercial Printing	6.4	6.4	5.9	.0	.5
Chemicals and Allied Products	23.9	23.8	22.8	.1	1.1
Rubber and Miscellaneous Plastics Products	6.2	6.1	6.6	.1	-.4
Service-Producing Industries	578.4	573.6	564.4	4.8	14.0
Transportation and Public Utilities	42.1	41.8	41.0	.2	1.0
Transportation	25.3	25.0	24.4	.3	.9
Trucking and Warehousing	10.6	10.5	10.6	.1	.0
Transportation by Air	7.8	7.8	7.1	.0	.8
Communications, Electric, Gas Services	16.8	16.8	16.6	.0	.2
Communications	9.9	10.0	10.0	-.1	-.1
Wholesale Trade	48.7	48.8	48.4	.0	.3
Wholesale Trade-Durable Goods	27.8	27.9	27.9	-.1	-.1
Retail Trade	141.9	140.4	140.1	1.5	1.7
General Merchandise Stores	20.8	20.7	20.9	.0	-.1
Finance, Insurance, and Real Estate	44.2	44.2	43.6	.0	.6
Finance	17.7	17.8	17.7	.0	.0
Depository Institutions	13.2	13.3	13.3	-.1	-.1
Commercial Banks	9.5	9.5	9.3	-.1	.1
Insurance	17.3	17.3	17.1	.0	.2
Insurance Carriers	14.6	14.6	14.4	.0	.2
Life Insurance	6.9	6.9	6.7	.0	.1
Fire, Marine, and Casualty Insurance	5.5	5.5	5.3	.0	.2
Services	202.9	200.4	193.7	2.5	9.2
Hotels and Other Lodging Places	7.9	7.7	7.4	.2	.4
Personal Services	8.7	9.2	8.5	-.5	.2
Business Services	41.0	40.2	38.5	.8	2.6
Services to Buildings	6.2	6.2	6.3	.1	.0
Computer and Data Processing Services	5.5	5.4	5.0	.1	.5
Amusements, Including Motion Pictures	13.6	12.3	13.5	1.2	.1
Health Services	60.6	60.4	58.1	.2	2.5
Nursing and Personal Care Facilities	11.9	11.8	11.2	.1	.7
Hospitals	28.3	28.3	27.7	.0	.6
Legal Services	4.4	4.4	4.3	.0	.1
Educational Services	7.7	7.8	7.5	-.1	.1
Social Services	13.6	13.5	12.9	.1	.7
Residential Care	4.9	4.9	4.6	.0	.3
Engineering and Management Services	19.0	19.0	17.6	.1	1.4
Engineering and Architectural Services	6.4	6.3	6.0	.1	.4
Government	98.6	98.1	97.4	.5	1.1
Federal Government	16.5	17.2	18.2	-.7	-1.6
State Government	22.3	22.1	21.7	.2	.6
State Government Education[h]	14.1	14.0	13.4	.1	.7
Local Government	59.7	58.7	57.6	1.1	2.1
Local Government Education	35.1	34.3	33.3	.8	1.8

Hours and Earnings of Production or Nonsupervisory Workers[a]

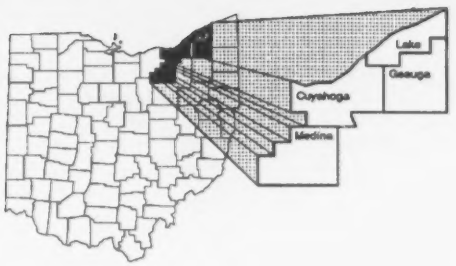
Not Seasonally Adjusted

Cincinnati PMSA

	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	May 1991[b]	Apr. 1991[c]	May 1990[c]	May 1991[b]	Apr. 1991[c]	May 1990[c]	May 1991[b]	Apr. 1991[c]	May 1990[c]
Manufacturing	$527.88	$511.66	$519.60	42.4	41.7	43.3	$12.45	$12.27	$12.00
Durable Goods[f]	526.06	497.95	519.16	42.7	41.6	43.7	12.32	11.97	11.88
Fabricated Metal Products	425.18	430.14	453.49	41.2	41.6	44.2	10.32	10.34	10.26
Fabricated Structural Metal Products	463.25	471.08	546.11	42.5	43.1	48.2	10.90	10.93	11.33
Industrial Machinery and Equipment	488.20	479.52	466.15	42.9	42.1	42.3	11.38	11.39	11.02
Electronic and Other Electric Equipment	415.65	395.04	396.86	42.5	40.6	42.4	9.78	9.73	9.36
Transportation Equipment	781.51	702.99	803.90	45.2	42.4	47.4	17.29	16.58	16.96
Motor Vehicles and Equipment	922.05	678.22	949.62	48.3	38.8	51.0	19.09	17.48	18.62
Instruments and Related Products	441.94	439.21	376.51	43.8	43.4	42.4	10.09	10.12	8.88
Nondurable Goods[g]	527.94	524.17	519.95	42.0	41.8	42.9	12.57	12.54	12.12
Food and Kindred Products	500.07	496.17	498.93	42.2	41.8	42.9	11.85	11.87	11.63
Beverages	594.93	594.50	585.66	41.2	41.0	43.0	14.44	14.50	13.62
Apparel and Other Textile Products	265.18	271.52	273.76	38.1	38.9	40.2	6.96	6.98	6.81
Paper and Allied Products	465.04	462.68	447.91	41.3	41.2	41.9	11.26	11.23	10.69
Printing and Publishing	502.63	506.72	498.49	40.6	40.7	41.3	12.38	12.45	12.07
Commercial Printing	532.39	535.68	517.10	42.9	43.2	43.2	12.41	12.40	11.97
Chemicals and Allied Products	662.69	653.18	655.62	43.8	43.2	44.6	15.13	15.12	14.70
Rubber and Miscellaneous Plastics Products	424.51	415.65	436.04	41.7	41.9	44.0	10.18	9.92	9.91
Transportation and Public Utilities	.....	.....	.....	....	....	....	.....	.....	.....
Communications, Electric, Gas Services	627.41	611.60	582.40	40.4	40.0	39.7	15.53	15.29	14.67
Communications	628.44	597.52	577.34	39.8	38.8	38.8	15.79	15.40	14.88
Wholesale Trade	466.06	458.20	442.33	39.8	39.5	39.6	11.71	11.60	11.17
Retail Trade[i]	182.47	181.06	176.25	27.9	27.6	28.2	6.54	6.56	6.25
General Merchandise Stores	232.11	230.06	219.55	30.5	29.8	30.2	7.61	7.72	7.27
Finance, Insurance, and Real Estate	.....	.....	.....	....	....	....	.....	.....	.....
Finance	.....	.....	.....	....	....	....	.....	.....	.....
Depository Institutions	291.01	291.98	302.19	....	....	....	.....	.....	.....
Commercial Banks	265.07	264.99	272.79	....	....	....	.....	.....	.....
Insurance	.....	.....	.....	....	....	....	.....	.....	.....
Insurance Carriers	427.20	423.41	415.21	....	....	....	.....	.....	.....
Life Insurance	424.19	418.41	424.68	....	....	....	.....	.....	.....
Fire, Marine, and Casualty Insurance	458.57	455.36	430.99	....	....	....	.....	.....	.....
Services	.....	.....	.....	....	....	....	.....	.....	.....
Health Services	.....	.....	.....	....	....	....	.....	.....	.....
Hospitals	446.45	448.47	433.94	32.9	33.0	32.8	13.57	13.59	13.23
Engineering and Management Services	.....	.....	.....	....	....	....	.....	.....	.....
Engineering and Architectural Services	705.16	670.74	649.08	42.2	40.7	40.9	16.71	16.48	15.87

[a]See Technical Notes for concepts. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes mining. [f]Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; primary metal industries; miscellaneous manufacturing industries. [g]Includes tobacco products; textile mill products; petroleum and coal products; leather and leather products. [h]Includes State universities. Excludes hospitals, the agricultural extension service, and the Ohio Department of Education. [i]Money payments only; tips not included. [j]Depressed due to labor-management disputes.

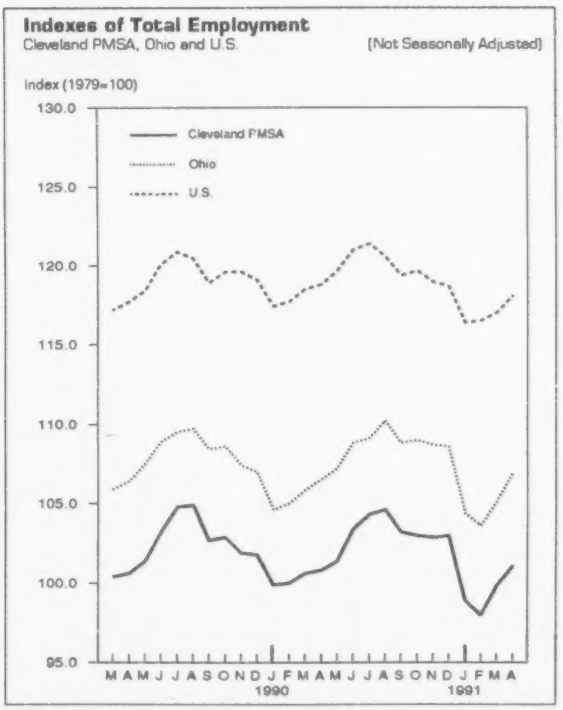
Cleveland Primary Metropolitan Statistical Area

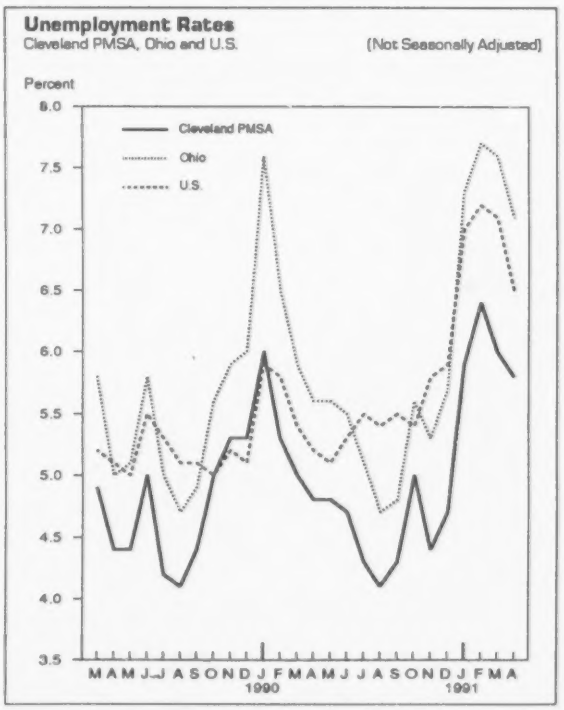


In the Cleveland metropolitan area, nonfarm payroll employment rose 9,500 above the April level to 953,100 in May 1991. Seasonal gains in services, particularly amusements, including motion pictures, and business services, and increases in retail trade helped create 7,700 jobs in the service-producing sector. The workforce in goods-producing industries, at 237,400, gained 1,800 employees. Improvements in construction, especially special trade contractors, overshadowed nominal decreases in manufacturing. Factory production workers averaged $12.44 per hour, up 7 cents from April. Their average workweek of 41.5 hours was 0.2 hours longer.

Nonagricultural wage and salary employment declined 200 between May 1990 and May 1991. Over-the-year production cutbacks among manufacturers of durable and nondurable goods lowered employment in goods-producing industries 5,100. Significant reductions were posted in industrial machinery and equipment, primary metal industries, rubber and miscellaneous plastics products, and transportation equipment. Employment in service-producing industries advanced 5,000 during the period due to expansion in services (+5,800) and retail trade (+1,200). The temporary hiring of census workers raised employment in federal government in May 1990.

Seasonally adjusted employment in the Cleveland area increased 1,000 from April to 952,000 in May 1991. Gains in services and finance, insurance, and real estate more than offset declines in retail trade and manufacturing. Total nonfarm payroll employment was unchanged from May 1990. Reductions in manufacturing and government negated growth in services.





Cleveland PMSA Labor Force and Employment Data

(Employed and Unemployed in Thousands)

Civilian Labor Force					Nonagricultural Wage & Salary Employment					
						Manufacturing Employment				
							Manufacturing Production Workers			
								Hours & Earnings		
Total	Employed	Unemployed						Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
		Total	Rate							
937.1	869.1	68.0	7.3	1980	895.7	254.9	169.2	$350.38	40.6	$ 8.63
933.9	854.0	79.8	8.5	1981	880.7	246.8	161.8	395.38	41.1	9.62
933.4	833.2	100.2	10.7	1982	844.6	223.0	141.8	402.99	39.9	10.10
928.7	823.4	105.3	11.3	1983	829.8	207.3	132.4	427.41	40.9	10.45
923.6	841.0	82.6	8.9	1984	854.5	213.8	137.5	456.12	42.0	10.86
926.0	849.2	76.8	8.3	1985	868.7	211.2	135.1	467.74	41.8	11.19
932.8	862.7	70.1	7.5	1986	879.2	204.9	131.5	481.62	42.1	11.44
927.0	869.0	58.0	6.3	1987	891.6	200.6	128.3	496.35	42.9	11.57
936.5	885.0	51.4	5.5	1988	911.3	203.3	131.1	508.65	43.4	11.72
953.5	907.5	46.0	4.8	1989	935.8	207.6	133.7	509.87	43.1	11.83
954.8	909.1	45.7	4.8	1990	950.2	206.6	131.7	517.95	42.7	12.13
				1990						
947.2	901.7	45.6	4.8	May	953.2	207.0	132.3	531.72	43.3	12.28
965.0	919.7	45.3	4.7	June	965.2	208.6	133.3	534.25	43.4	12.31
969.0	926.9	42.1	4.3	July	962.7	207.8	132.2	514.74	42.4	12.14
969.6	930.3	39.4	4.1	August	956.3	206.1	131.1	518.38	42.7	12.14
958.0	917.2	40.8	4.3	September	960.3	207.4	133.0	530.56	43.1	12.31
964.4	915.9	48.5	5.0	October	959.4	207.6	132.4	527.24	42.9	12.29
956.7	914.6	42.2	4.4	November	956.5	205.2	129.5	518.87	42.6	12.18
960.9	915.4	45.5	4.7	December	957.6	204.5	128.7	516.01	42.4	12.17
				1991						
935.0	879.5	55.5	5.9	January	932.4	204.1	128.3	510.38	41.8	12.21
931.5	871.5	60.0	6.4	February	926.4	199.2	123.7	496.43	41.3	12.02
944.4	887.2	57.1	6.0	March	936.6	201.7	126.2	505.10	41.3	12.23
954.9	899.2	55.6	5.8	April	943.6	201.9	126.8	510.88	41.3	12.37
INA	INA	INA	INA	May	953.1	201.7	126.8	516.26	41.5	12.44

INA – Information not available

Cleveland PMSA Nonagricultural Wage and Salary Employment

Seasonally Adjusted

(In Thousands)

Total	Goods-Producing Industries	Construction	Manufacturing		Service-Producing Industries	Transportation & Public Utilities	Wholesale Trade	Retail Trade	Finance, Insurance, & Real Estate	Services	Government
896	286	30	255	1980	610	46	64	141	48	188	123
881	276	28	247	1981	605	45	63	137	48	192	120
845	249	25	223	1982	595	43	61	134	48	192	117
830	234	25	207	1983	596	41	59	136	48	196	116
854	243	28	214	1984	612	42	62	141	49	204	115
869	240	28	211	1985	629	41	63	146	50	213	116
879	232	26	205	1986	647	41	62	150	52	225	116
892	230	28	201	1987	662	41	61	154	55	233	117
911	234	29	203	1988	678	41	64	157	56	243	116
936	241	33	208	1989	694	42	65	159	57	253	118
950	242	35	207	1990	708	43	65	163	58	260	120
				1990							
952	242	34	207	May	709	43	65	162	58	259	122
953	243	35	207	June	710	43	65	163	58	260	121
951	243	35	207	July	708	43	65	163	58	261	118
948	242	35	206	August	707	43	65	164	58	262	115
953	242	34	206	September	711	43	65	164	58	261	120
953	242	34	207	October	711	43	65	164	58	261	120
949	240	34	204	November	710	43	65	164	58	261	119
949	239	35	203	December	710	43	65	163	58	261	119
				1991							
952	241	34	206	January	711	43	65	164	58	262	120
947	236	35	201	February	711	43	65	163	58	262	120
952	239	35	203	March	713	43	65	164	58	263	120
951	238	35	203	April	712	43	65	164	58	263	120
952	237	35	202	May	714	43	65	163	59	265	120

Nonagricultural Wage and Salary Employment[a]

Not Seasonally Adjusted

Cleveland PMSA

	Employment (in thousands)			Change[d] (in thousands)	
	May 1991[b]	Apr. 1991[c]	May 1990[c]	From Last Month	From Last Year
Total	953.1	943.6	953.2	9.5	-.2
Goods-Producing Industries[e]	237.4	235.5	242.5	1.8	-5.1
Construction	35.1	32.8	34.7	2.3	.5
Special Trade Contractors	24.2	22.6	24.0	1.6	.2
Manufacturing	201.7	201.9	207.0	-.2	-5.3
Durable Goods[f]	136.6	136.9	141.3	-.3	-4.7
Stone, Clay, and Glass Products	3.6	3.5	3.6	.0	-.1
Primary Metal Industries	19.1	19.1	20.3	.0	-1.2
Iron and Steel Foundries	4.2	4.2	4.3	.0	-.1
Fabricated Metal Products	34.1	34.1	34.4	.0	-.3
Screw Machine Products, Bolts, etc.	5.2	5.2	5.1	.1	.1
Metal Forgings and Stampings	11.1	11.0	11.0	.0	.1
Industrial Machinery and Equipment	31.5	31.7	33.5	-.1	-1.9
Metalworking Machinery	12.1	12.3	12.9	-.1	-.8
Electronic and Other Electric Equipment	15.1	15.1	15.5	.0	-.3
Electrical Industrial Apparatus	3.8	3.9	4.2	-.1	-.4
Electric Lighting and Wiring Equipment	5.1	5.1	5.2	.0	-.1
Transportation Equipment	18.8	18.8	19.5	.0	-.7
Motor Vehicles and Equipment	11.3	11.3	11.9	.0	-.6
Instruments and Related Products	7.1	7.1	7.3	.0	-.2
Measuring and Controlling Devices	5.0	5.0	4.9	.0	.1
Nondurable Goods[g]	65.1	65.0	65.7	.1	-.6
Food and Kindred Products	6.4	6.4	6.5	.0	.0
Apparel and Other Textile Products	3.1	3.1	3.2	-.1	-.1
Paper and Allied Products	6.0	5.9	5.9	.0	.0
Printing and Publishing	17.8	17.6	17.3	.1	.5
Chemicals and Allied Products	14.8	14.8	14.7	.0	.1
Rubber and Miscellaneous Plastics Products	10.7	10.8	11.8	-.1	-1.1
Miscellaneous Plastics Products	7.1	7.1	7.3	.0	-.2
Service-Producing Industries	715.7	708.0	710.8	7.7	5.0
Transportation and Public Utilities	43.2	42.5	43.3	.7	-.2
Transportation	26.1	25.4	25.6	.7	.5
Trucking and Warehousing	11.5	11.3	11.4	.2	.1
Transportation by Air	5.5	5.5	5.2	.0	.3
Communications, Electric, Gas Services	17.1	17.1	17.7	.0	-.7
Communications	10.1	10.1	10.4	.0	-.3
Electric, Gas, and Sanitary Services	7.0	7.0	7.4	.0	-.4
Wholesale Trade	64.9	64.6	65.1	.3	-.2
Wholesale Trade-Durable Goods	44.5	44.3	44.6	.2	-.1
Motor Vehicles, Parts, and Supplies	4.0	4.0	4.1	.0	-.1
Professional and Commercial Equipment	8.9	8.9	9.2	.0	-.4
Retail Trade	163.1	160.8	161.9	2.3	1.2
General Merchandise Stores	19.2	19.1	20.3	.2	-1.1
Finance, Insurance, and Real Estate	58.3	57.8	57.8	.5	.5
Finance	27.5	27.4	27.8	.0	-.4
Depository Institutions	20.2	20.1	20.4	.1	-.3
Commercial Banks	12.8	12.8	13.0	.0	-.2
Insurance	19.3	19.1	18.9	.2	.4
Insurance Carriers	14.6	14.4	14.2	.2	.4
Fire, Marine, and Casualty Insurance	6.4	6.4	6.3	.0	.1
Services	265.6	262.0	259.8	3.7	5.8
Business Services	52.9	51.7	52.5	1.1	.3
Personnel Supply Services	19.1	18.4	19.7	.7	-.6
Computer and Data Processing Services	6.9	6.8	6.5	.1	.3
Amusements, Including Motion Pictures	12.5	11.2	12.7	1.3	-.3
Health Services	81.4	81.3	79.6	.2	1.8
Nursing and Personal Care Facilities	14.6	14.6	14.2	.0	.4
Hospitals	43.3	43.3	43.0	.0	.4
Legal Services	10.0	9.9	9.6	.1	.4
Educational Services	17.8	17.6	17.7	.1	.1
Social Services	15.9	15.9	14.9	.0	1.0
Residential Care	4.4	4.4	4.1	.0	.3
Engineering and Management Services	23.1	23.0	22.2	.2	1.0
Engineering and Architectural Services	8.7	8.6	8.2	.1	.5
Accounting, Auditing, and Bookkeeping	6.4	6.4	6.2	.0	.3
Management and Public Relations	5.3	5.2	5.0	.1	.2
Government	120.6	120.3	122.8	.2	-2.2
Federal Government	19.4	19.7	22.2	-.3	-2.8
State Government	8.5	9.0	8.1	-.5	.3
State Government Education[h]	3.5	3.7	3.2	-.2	.3
Local Government	92.7	91.7	92.5	1.0	.2
Local Government Education	46.5	46.1	47.1	.4	-.6

Hours and Earnings of Production or Nonsupervisory Workers[a]

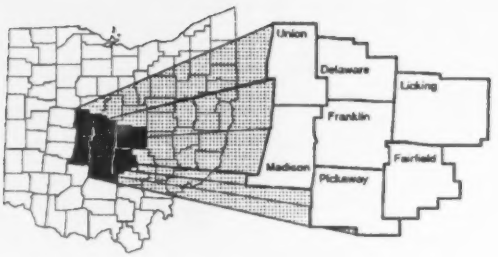
Not Seasonally Adjusted

Cleveland PMSA

	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	May 1991[b]	Apr. 1991[c]	May 1990[c]	May 1991[b]	Apr. 1991[c]	May 1990[c]	May 1991[b]	Apr. 1991[c]	May 1990[c]
Manufacturing	$516.26	$510.88	$531.72	41.5	41.3	43.3	$12.44	$12.37	$12.28
Durable Goods[f]	543.44	536.68	572.32	41.9	41.7	44.4	12.97	12.87	12.89
Stone, Clay, and Glass Products	523.53	537.56	517.44	43.7	44.5	43.3	11.98	12.08	11.95
Primary Metal Industries	542.69	517.92	565.00	42.9	41.6	45.2	12.65	12.45	12.50
Iron and Steel Foundries	797.22	749.66	950.90	43.0	41.1	50.1	18.54	18.24	18.98
Fabricated Metal Products	544.74	556.29	563.71	42.0	42.4	43.8	12.97	13.12	12.87
Screw Machine Products, Bolts, etc.	511.04	534.80	550.00	42.2	43.8	44.0	12.11	12.21	12.50
Metal Forgings and Stampings	682.13	682.54	725.68	43.2	42.9	45.9	15.79	15.91	15.81
Industrial Machinery and Equipment	519.82	519.35	583.75	42.4	42.5	46.7	12.26	12.22	12.50
Metalworking Machinery	479.49	481.85	594.57	40.6	40.8	48.3	11.81	11.81	12.31
Electronic and Other Electric Equipment	406.74	422.81	420.97	38.7	39.7	40.4	10.51	10.65	10.42
Electrical Industrial Apparatus	438.68	429.72	457.29	41.7	41.2	43.1	10.52	10.43	10.61
Electric Lighting and Wiring Equipment	398.88	406.25	369.74	36.0	36.5	36.9	11.08	11.13	10.02
Transportation Equipment	748.36	697.19	781.93	42.4	40.7	45.7	17.65	17.13	17.11
Motor Vehicles and Equipment	821.12	746.51	871.42	42.7	40.2	46.7	19.23	18.57	18.66
Instruments and Related Products	445.50	451.82	450.69	40.5	41.3	41.5	11.00	10.94	10.86
Measuring and Controlling Devices	436.80	458.96	451.55	40.0	41.8	41.2	10.92	10.98	10.96
Nondurable Goods[g]	448.04	449.25	435.99	40.4	40.4	40.9	11.09	11.12	10.66
Food and Kindred Products	443.91	456.65	447.60	38.5	39.4	40.0	11.53	11.59	11.19
Apparel and Other Textile Products	402.73	400.53	361.34	39.6	39.5	37.6	10.17	10.14	9.61
Paper and Allied Products	470.41	467.31	520.93	41.3	41.1	44.6	11.39	11.37	11.68
Printing and Publishing	384.25	390.66	382.60	36.7	37.1	37.4	10.47	10.53	10.23
Chemicals and Allied Products	577.49	568.23	543.58	43.0	42.5	42.5	13.43	13.37	12.79
Rubber and Miscellaneous Plastics Products	387.50	374.03	369.05	41.4	40.7	41.7	9.36	9.19	8.85
Miscellaneous Plastics Products	409.27	381.82	370.82	42.9	41.1	41.9	9.54	9.29	8.85
Transportation and Public Utilities	.....	.....	.....	....	....	....	.....	.....	.....
Transportation	.....	.....	.....	....	....	....	.....	.....	.....
Trucking and Warehousing	530.35	493.58	513.80	36.4	33.9	36.7	14.57	14.56	14.00
Communications, Electric, Gas Services	690.55	701.71	620.87	43.9	44.3	40.5	15.73	15.84	15.33
Wholesale Trade	476.28	475.02	458.20	39.2	39.0	39.5	12.15	12.18	11.60
Retail Trade[i]	199.47	196.75	190.72	27.4	27.1	27.6	7.28	7.26	6.91
General Merchandise Stores	199.79	200.79	187.25	28.1	28.4	27.7	7.11	7.07	6.76
Finance, Insurance, and Real Estate	.....	.....	.....	....	....	....	.....	.....	.....
Finance	334.71	333.69	323.57	....	....	....	.....	.....	.....
Depository Institutions	304.43	302.23	298.78	....	....	....	.....	.....	.....
Commercial Banks	284.57	287.48	290.68	....	....	....	.....	.....	.....
Services	.....	.....	.....	....	....	....	.....	.....	.....
Health Services	344.23	343.17	331.22	30.9	31.0	31.1	11.14	11.07	10.65
Nursing and Personal Care Facilities	253.41	258.91	241.09	33.3	33.8	33.3	7.61	7.66	7.24
Hospitals	381.48	380.57	363.30	30.3	30.3	30.3	12.59	12.56	11.99

[a]See Technical Notes for concepts. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes mining. [f]Includes lumber and wood products; furniture and fixtures; miscellaneous manufacturing industries. [g]Includes tobacco products; textile mill products; petroleum and coal products; leather and leather products. [h]Includes State universities. Excludes the agricultural extension service and the Ohio Department of Education. [i]Money payments only; tips not included. [j]Depressed due to labor-management disputes.

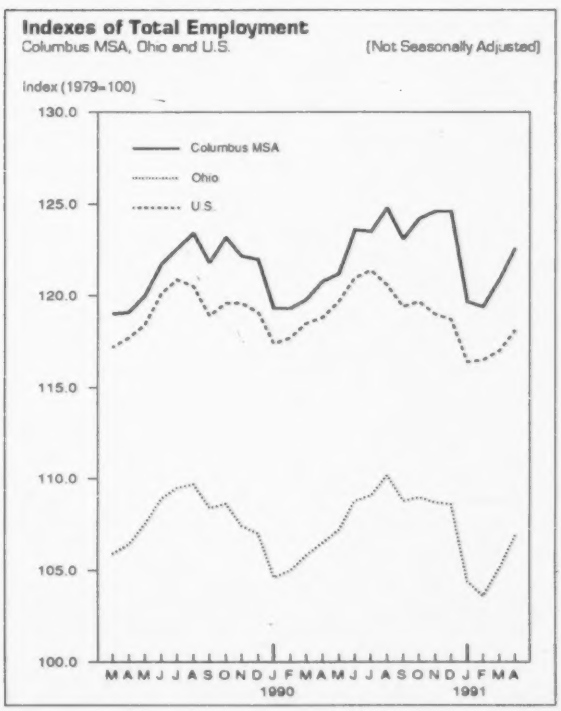
Columbus Metropolitan Statistical Area

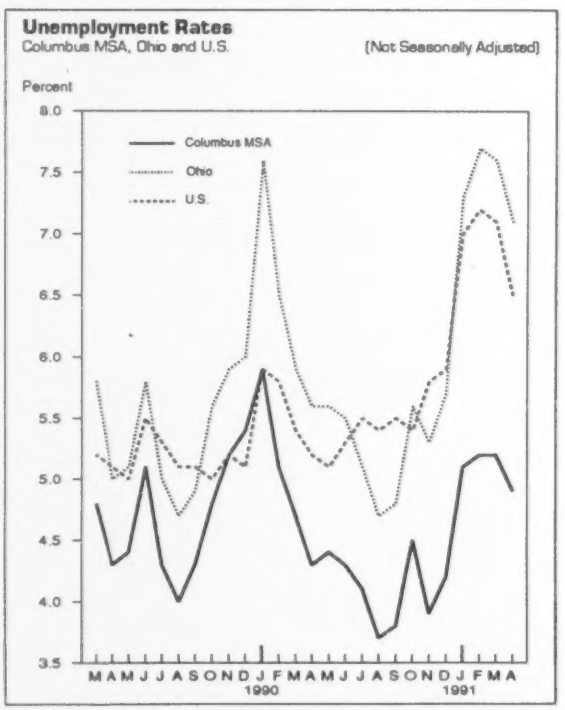


Nonagricultural payroll employment in the Columbus metropolitan area rose 6,700 above the April level to 734,200 in May 1991. Seasonal increases in retail trade and services helped add 5,000 jobs in service-producing industries. More business in construction and scattered improvements in manufacturing, especially electronic and other electric equipment and food and kindred products, raised employment in goods-producing industries 1,700 over the month to 134,600. Factory production workers averaged $12.90 per hour, unchanged from April. Their average workweek of 42.2 hours was 0.2 hours longer.

Nonfarm wage and salary employment advanced 10,900 between May 1990 and May 1991. The number of jobs in the service-producing sector increased 11,100. The leading growth industry was services, most notably business services (+3,500) and health services (+2,500). Noteworthy expansion occurred in retail trade. Employment in goods-producing industries declined 100 from the year-ago level as scattered decreases in manufacturing negated slight improvements in construction. Production cutbacks in fabricated metal products, stone, clay, and glass products, and instruments and related products offset growth in food and kindred products, electronic and other electric equipment, and transportation equipment.

Seasonally adjusted employment in the Columbus area increased 2,000 from April to 732,000 in May 1991 due to gains in services and manufacturing. Since May 1990, nonfarm payroll employment advanced 11,000. Expansion in services created 10,000 jobs. Moderate growth occurred in retail trade and construction.





Columbus MSA Labor Force and Employment Data

(Employed and Unemployed in Thousands)

Civilian Labor Force					Nonagricultural Wage & Salary Employment					
						Manufacturing Employment				
							Manufacturing Production Workers			
								Hours & Earnings		
Total	Employed	Unemployed						Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
		Total	Rate							
INA	INA	INA	INA	1980	560.2	112.6	INA	INA	INA	INA
INA	INA	INA	INA	1981	556.9	109.1	INA	INA	INA	INA
INA	INA	INA	INA	1982	544.0	101.0	INA	INA	INA	INA
647.7	587.4	60.3	9.3	1983	548.5	98.7	INA	INA	INA	INA
633.5	584.3	49.2	7.8	1984	576.4	104.7	69.3	$426.05	40.5	$10.52
649.4	605.6	43.8	6.7	1985	603.6	106.1	70.8	442.95	40.9	10.83
676.2	634.9	41.3	6.1	1986	630.7	105.8	70.4	461.14	41.1	11.22
694.9	657.2	37.7	5.4	1987	658.0	103.9	68.7	473.52	41.5	11.41
711.2	676.2	35.0	4.9	1988	680.5	102.6	67.9	479.33	41.5	11.55
733.7	698.9	34.8	4.7	1989	704.7	104.9	69.5	500.82	41.7	12.01
739.5	706.9	32.6	4.4	1990	722.7	104.5	69.7	522.48	42.0	12.44
				1990						
732.7	700.1	32.6	4.4	May	723.3	104.3	69.7	514.58	41.7	12.34
745.8	713.6	32.2	4.3	June	731.9	105.3	70.3	520.80	42.0	12.40
744.1	713.2	30.9	4.1	July	722.0	103.8	68.7	524.15	42.1	12.45
748.3	720.9	27.4	3.7	August	724.3	105.1	70.0	515.41	41.7	12.36
739.5	711.1	28.4	3.8	September	728.2	105.6	70.7	529.61	42.2	12.55
750.9	717.2	33.7	4.5	October	735.2	106.1	70.7	530.88	42.1	12.61
748.9	719.6	29.3	3.9	November	737.1	105.0	69.7	541.40	42.9	12.62
751.7	719.8	31.9	4.2	December	737.3	104.6	69.4	549.11	43.0	12.77
				1991						
728.4	691.4	37.0	5.1	January	717.4	104.3	69.3	529.59	41.7	12.70
727.5	689.6	38.0	5.2	February	717.7	103.6	68.9	524.10	41.3	12.69
736.7	698.3	38.4	5.2	March	722.6	103.6	69.0	537.13	41.8	12.85
744.9	708.3	36.6	4.9	April	727.5	103.7	69.0	541.80	42.0	12.90
INA	INA	INA	INA	May	734.2	104.1	69.4	544.38	42.2	12.90

INA – Information not available

Columbus MSA Nonagricultural Wage and Salary Employment

Seasonally Adjusted

(In Thousands)

Total	Goods-Producing Industries	Construction	Manufacturing		Service-Producing Industries	Transportation & Public Utilities	Wholesale Trade	Retail Trade	Finance, Insurance, & Real Estate	Services	Government
560	135	21	113	1980	425	27	29	101	40	113	115
557	130	19	109	1981	427	26	29	101	42	116	113
544	118	16	101	1982	426	25	28	100	44	117	111
548	117	17	99	1983	432	25	29	103	45	120	110
576	125	19	105	1984	451	26	31	110	47	127	110
604	129	22	106	1985	475	26	32	119	49	136	112
631	131	24	106	1986	500	27	32	125	54	146	116
658	132	27	104	1987	526	28	34	133	57	154	119
680	133	29	103	1988	548	30	36	138	59	162	123
705	135	30	105	1989	569	31	37	145	60	172	125
723	135	29	105	1990	588	31	36	148	61	183	129
				1990							
721	135	29	105	May	586	31	36	146	61	181	130
725	136	30	105	June	589	31	36	148	61	183	130
725	134	29	104	July	592	31	36	148	61	184	131
726	135	29	105	August	591	31	36	149	61	185	130
726	135	29	105	September	591	31	36	149	61	185	130
727	135	29	105	October	592	31	36	149	61	186	130
727	134	29	104	November	593	31	36	149	61	186	130
728	134	29	104	December	593	31	36	149	61	187	130
				1991							
729	135	29	105	January	594	31	36	149	61	187	130
729	134	29	105	February	595	31	36	148	61	188	131
731	135	30	104	March	596	31	36	149	61	189	130
730	135	30	104	April	595	31	36	148	61	190	130
732	135	30	105	May	597	31	36	148	61	191	130

Nonagricultural Wage and Salary Employment[a]

Not Seasonally Adjusted

Columbus MSA

	Employment (in thousands)			Change[d] (in thousands)	
	May 1991[b]	Apr. 1991[c]	May 1990[c]	From Last Month	From Last Year
Total	734.2	727.5	723.3	6.7	10.9
Goods-Producing Industries[e]	134.6	132.9	134.7	1.7	-.1
Construction	29.5	28.3	29.5	1.3	.1
Manufacturing	104.1	103.7	104.3	.5	-.2
Durable Goods[f]	65.6	65.2	66.2	.3	-.6
Stone, Clay, and Glass Products	9.1	9.1	9.5	.0	-.4
Glass and Glassware, Pressed or Blown	3.6	3.6	3.6	.0	.0
Fabricated Metal Products	9.1	9.2	9.8	-.1	-.7
Industrial Machinery and Equipment	9.6	9.7	9.9	-.1	-.3
Electronic and Other Electric Equipment	10.1	9.8	9.5	.3	.5
Transportation Equipment	15.7	15.7	15.2	.1	.5
Motor Vehicles and Equipment	14.0	13.9	13.6	.1	.4
Instruments and Related Products	4.1	4.0	4.5	.1	-.4
Nondurable Goods[g]	38.6	38.4	38.1	.1	.4
Food and Kindred Products	11.0	10.9	10.4	.2	.7
Dairy Products	4.2	4.1	3.8	.0	.4
Printing and Publishing	10.8	10.8	10.6	.0	.3
Chemicals and Allied Products	6.6	6.6	6.9	.0	-.3
Rubber and Miscellaneous Plastics Products	6.1	6.0	6.0	.1	.1
Service-Producing Industries	599.7	594.7	588.6	5.0	11.1
Transportation and Public Utilities	30.7	30.5	30.7	.2	-.1
Transportation	17.9	17.7	18.0	.2	-.1
Trucking and Warehousing	12.9	12.7	12.7	.1	.1
Communications, Electric, Gas Services	12.8	12.8	12.7	.0	.0
Communications	8.0	8.0	8.0	.0	.1
Electric, Gas, and Sanitary Services	4.7	4.8	4.8	.0	.0
Wholesale Trade	36.2	35.9	36.3	.3	-.1
Wholesale Trade-Durable Goods	22.7	22.5	23.0	.2	-.3
Motor Vehicles, Parts, and Supplies	3.1	3.0	3.1	.1	.0
Machinery, Equipment, and Supplies	4.9	4.9	5.3	.0	-.4
Wholesale Trade-Nondurable Goods	13.4	13.4	13.2	.1	.2
Retail Trade	147.6	145.7	146.1	1.9	1.5
General Merchandise Stores	20.4	20.4	20.6	.0	-.1
Food Stores	16.1	16.1	16.4	-.1	-.3
Automotive Dealers and Service Stations	14.2	14.0	14.1	.2	.1
Finance, Insurance, and Real Estate	61.0	60.8	60.6	.2	.4
Finance	24.1	24.1	24.3	.0	-.2
Depository Institutions	13.4	13.4	13.8	.0	-.4
Commercial Banks	11.3	11.3	11.4	.0	-.1
Insurance	27.1	27.0	26.9	.1	.2
Insurance Carriers	23.0	23.0	23.0	.0	.0
Services	191.3	189.7	181.7	1.7	9.6
Business Services	44.9	44.0	41.4	.9	3.5
Personnel Supply Services	18.6	18.0	16.2	.6	2.4
Health Services	48.1	47.9	45.7	.2	2.5
Nursing and Personal Care Facilities	8.7	8.6	8.2	.1	.5
Hospitals	22.3	22.3	21.3	.0	1.0
Legal Services	4.6	4.6	4.5	.1	.1
Educational Services	7.5	8.2	7.2	-.8	.3
Social Services	13.8	13.8	13.0	.0	.8
Engineering and Management Services	18.8	18.7	18.1	.1	.7
Engineering and Architectural Services	5.3	5.2	4.8	.1	.5
Accounting, Auditing, and Bookkeeping	4.0	4.0	3.9	.0	.1
Research and Testing Services	5.8	5.7	5.8	.1	.0
Government	132.9	132.1	133.2	.9	-.3
Federal Government	15.6	15.5	19.1	.0	-3.6
State Government	58.2	58.0	56.9	.1	1.2
State Government Education[h]	24.9	24.9	23.9	.0	1.1
Local Government	59.2	58.5	57.2	.7	2.1
Local Government Education	36.4	36.0	34.8	.4	1.6

Hours and Earnings of Production or Nonsupervisory Workers[a]

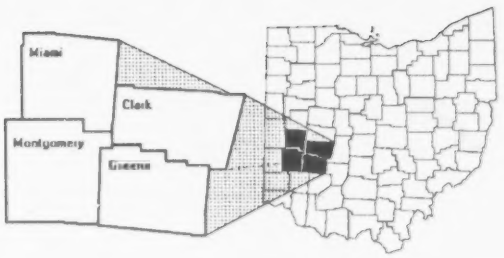
Not Seasonally Adjusted

Columbus MSA

	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	May 1991[b]	Apr. 1991[c]	May 1990[c]	May 1991[b]	Apr. 1991[c]	May 1990[c]	May 1991[b]	Apr. 1991[c]	May 1990[c]
Manufacturing	$544.38	$541.80	$514.58	42.2	42.0	41.7	$12.90	$12.90	$12.34
Durable Goods[f]	567.14	561.47	530.04	42.9	42.6	41.9	13.22	13.18	12.65
Stone, Clay, and Glass Products	548.75	550.44	513.40	43.9	44.0	42.5	12.50	12.51	12.08
Glass and Glassware, Pressed or Blown	475.69	477.02	453.06	41.4	41.3	41.3	11.49	11.55	10.97
Fabricated Metal Products	561.61	543.75	538.86	42.1	41.1	42.0	13.34	13.23	12.83
Industrial Machinery and Equipment	515.82	527.09	494.36	41.2	42.1	41.3	12.52	12.52	11.97
Electronic and Other Electric Equipment	552.55	573.78	489.64	42.9	43.7	40.6	12.88	13.13	12.06
Transportation Equipment	697.84	662.01	631.75	45.7	43.9	43.3	15.27	15.08	14.59
Motor Vehicles and Equipment	710.07	673.85	635.21	45.9	44.1	43.3	15.47	15.28	14.67
Instruments and Related Products	431.03	418.73	420.69	39.8	38.7	39.8	10.83	10.82	10.57
Nondurable Goods[g]	497.76	503.89	482.45	40.6	40.9	41.2	12.26	12.32	11.71
Food and Kindred Products	444.44	452.61	426.62	41.0	41.6	41.1	10.84	10.88	10.38
Dairy Products	607.19	647.92	597.08	42.7	44.5	44.0	14.22	14.56	13.57
Printing and Publishing	581.33	583.47	553.02	39.6	39.8	39.7	14.68	14.66	13.93
Chemicals and Allied Products	639.32	669.24	629.64	41.3	42.9	42.4	15.48	15.60	14.85
Rubber and Miscellaneous Plastics Products	398.13	395.76	398.58	41.3	40.8	42.0	9.64	9.70	9.49
Transportation and Public Utilities	.....	.....	.....	....	....	....	.....	.....	.....
Transportation	.....	.....	.....	....	....	....	.....	.....	.....
Trucking and Warehousing	444.32	442.96	459.55	34.1	34.1	35.0	13.03	12.99	13.13
Communications, Electric, Gas Services	685.08	694.18	671.00	44.0	44.3	43.6	15.57	15.67	15.39
Communications	693.95	698.20	576.92	44.8	44.9	39.3	15.49	15.55	14.68
Electric, Gas, and Sanitary Services	670.39	686.02	827.42	42.7	43.2	50.7	15.70	15.88	16.32
Wholesale Trade	419.22	412.44	401.10	39.4	38.8	38.2	10.64	10.63	10.50
Retail Trade[i]	188.19	186.53	181.55	27.0	26.8	27.3	6.97	6.96	6.65
General Merchandise Stores	230.01	229.54	201.92	29.3	28.8	28.4	7.85	7.97	7.11
Food Stores	191.62	194.64	187.60	26.8	26.7	26.8	7.15	7.29	7.00
Finance, Insurance, and Real Estate	.....	.....	.....	....	....	....	.....	.....	.....
Finance	490.25	493.98	455.10	....	....	....	.....	.....	.....
Depository Institutions	304.77	302.47	294.57	....	....	....	.....	.....	.....
Commercial Banks	304.55	303.67	290.78	....	....	....	.....	.....	.....
Services	.....	.....	.....	....	....	....	.....	.....	.....
Health Services	.....	.....	.....	....	....	....	.....	.....	.....
Nursing and Personal Care Facilities	246.49	248.21	228.40	31.4	31.7	31.9	7.85	7.83	7.16
Hospitals	395.61	388.44	406.64	33.9	33.2	34.2	11.67	11.70	11.89
Engineering and Management Services	.....	.....	.....	....	....	....	.....	.....	.....
Engineering and Architectural Services	528.19	533.41	509.67	39.3	39.6	40.1	13.44	13.47	12.71

[a]See Technical Notes for concepts. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes mining. [f]Includes lumber and wood products; furniture and fixtures; primary metal industries; miscellaneous manufacturing industries. [g]Includes tobacco products; textile mill products; apparel and other textile products; paper and allied products; petroleum and coal products; leather and leather products. [h]Includes State universities, State schools for the deaf and blind, and the State library. Excludes hospitals, the agricultural extension service, agricultural research centers, and the Ohio Department of Education. [i]Money payments only; tips not included. [j]Depressed due to labor-management disputes.

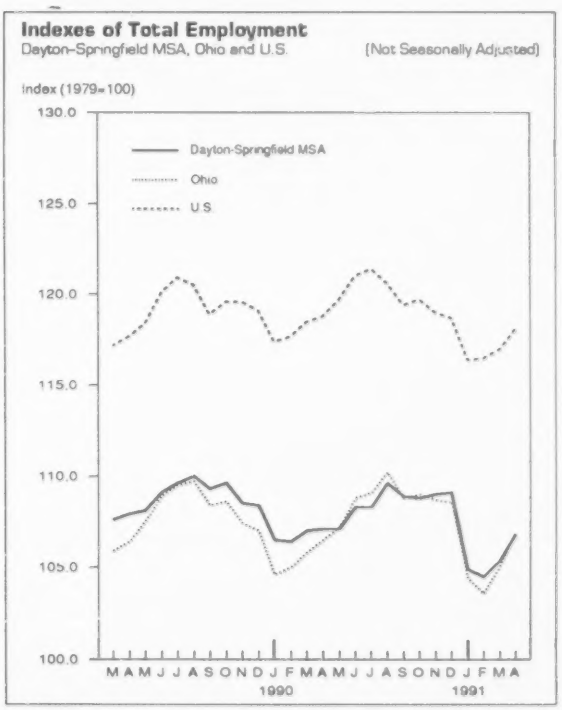
Dayton-Springfield Metropolitan Statistical Area

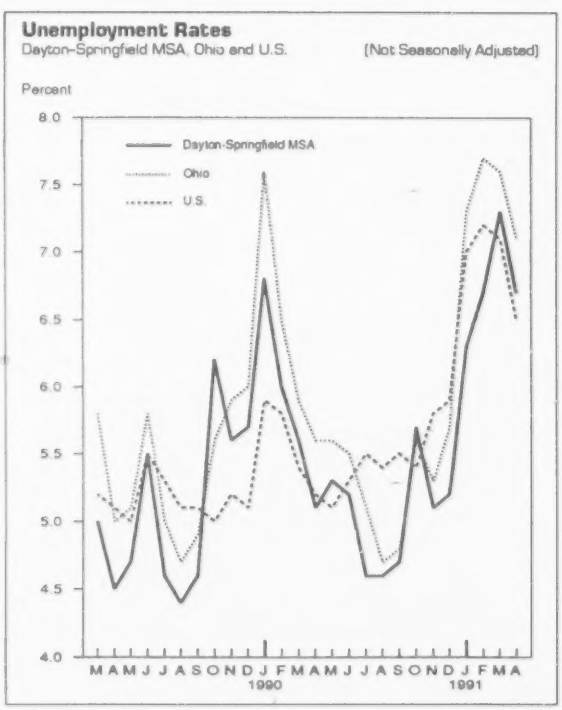


In the Dayton-Springfield metropolitan area, nonfarm payroll employment increased 2,100 from the April level to 451,800 in May 1991. Seasonal increases in retail trade helped raise employment in service-producing industries 1,400. The number of jobs in goods-producing industries totaled 113,700, up 700 over the month, mainly due to more business in construction. Manufacturing employment was unchanged as improvements in transportation equipment and food and kindred products offset declines in industrial machinery and equipment and paper and allied products. Factory production workers averaged $13.65 per hour, 6 cents higher than April. Their average workweek of 41.7 hours was 0.3 hours longer.

Nonagricultural wage and salary employment fell 2,100 between May 1990 and May 1991. Over-the-year cutbacks in durable-goods manufacturing and declines in construction dropped employment in goods-producing industries 6,400. Industrial machinery and equipment lost 3,300 jobs during the period. Noteworthy reductions were posted in transportation equipment and fabricated metal products. Employment in service-producing industries advanced 4,400 from the year-ago level. Expansion in services, especially health and business services, and in retail trade outweighed a decline in federal government.

Seasonally adjusted employment in the Dayton-Springfield area increased 1,000 from April to 451,000 in May 1991 due to more business in services. Since May 1990, nonfarm payroll employment declined 2,000. Reductions in manufacturing and government more than offset growth in services, transportation and public utilities, retail trade, and finance, insurance, and real estate.





Dayton-Springfield MSA Labor Force and Employment Data

(Employed and Unemployed in Thousands)

Civilian Labor Force					Nonagricultural Wage & Salary Employment					
						Manufacturing Employment				
							Manufacturing Production Workers			
								Hours & Earnings		
Total	Employed	Unemployed						Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
		Total	Rate							
INA	INA	INA	INA	1980	397.1	110.9	INA	INA	INA	INA
INA	INA	INA	INA	1981	393.2	109.9	INA	INA	INA	INA
INA	INA	INA	INA	1982	374.3	97.3	INA	INA	INA	INA
438.5	391.9	46.6	10.6	1983	372.3	95.5	INA	INA	INA	INA
440.1	404.8	35.2	8.0	1984	392.7	103.7	67.7	$480.91	42.9	$11.21
450.4	418.1	32.4	7.2	1985	408.9	106.3	69.1	517.10	43.2	11.97
460.5	430.1	30.3	6.6	1986	419.4	105.7	68.2	514.88	42.8	12.03
463.8	437.7	26.2	5.6	1987	429.8	104.3	67.1	499.38	42.0	11.89
468.2	443.9	24.4	5.2	1988	437.7	105.0	67.5	548.14	43.4	12.63
478.2	453.8	24.4	5.1	1989	448.4	105.0	67.5	555.56	42.9	12.95
476.8	451.5	25.4	5.3	1990	452.2	102.6	66.4	565.40	42.1	13.43
				1990						
472.5	447.6	24.9	5.3	May	453.9	103.3	67.1	583.08	43.0	13.56
477.8	452.8	25.0	5.2	June	455.3	104.3	67.8	605.68	43.7	13.86
474.5	452.6	21.9	4.6	July	449.6	103.9	67.0	570.54	42.2	13.52
480.1	458.0	22.1	4.6	August	450.7	103.0	66.3	557.19	41.8	13.33
477.3	455.0	22.3	4.7	September	456.3	103.2	66.9	590.04	43.1	13.69
482.1	454.7	27.4	5.7	October	456.4	102.6	66.8	580.98	42.5	13.67
480.2	455.8	24.4	5.1	November	457.1	101.7	66.1	564.62	41.7	13.54
480.9	456.0	24.9	5.2	December	457.4	101.1	65.5	564.40	41.5	13.60
				1991						
468.2	438.6	29.6	6.3	January	445.6	100.1	64.6	562.51	41.3	13.62
468.1	436.7	31.4	6.7	February	445.1	98.7	63.3	545.66	40.6	13.44
475.2	440.5	34.7	7.3	March	446.0	96.9	61.6	551.86	41.0	13.46
478.5	446.6	31.9	6.7	April	449.7	97.4	62.1	562.63	41.4	13.59
INA	INA	INA	INA	May	451.8	97.4	62.2	569.21	41.7	13.65

INA – Information not available

Dayton-Springfield MSA Nonagricultural Wage and Salary Employment

Seasonally Adjusted

(In Thousands)

Total	Goods-Producing Industries	Construction	Manufacturing		Service-Producing Industries	Transportation & Public Utilities	Wholesale Trade	Retail Trade	Finance, Insurance, & Real Estate	Services	Government
397	126	15	111	1980	271	16	17	66	16	82	75
393	123	13	110	1981	270	15	18	64	16	84	74
374	108	10	97	1982	266	14	18	62	16	85	72
372	106	11	96	1983	266	14	18	63	16	85	71
393	116	12	104	1984	277	15	19	67	16	89	71
409	120	13	106	1985	289	14	19	71	17	95	72
419	121	15	106	1986	298	15	19	75	17	100	73
430	121	16	104	1987	309	16	19	78	18	104	74
438	123	17	105	1988	315	17	20	79	18	108	73
448	123	18	105	1989	325	17	20	80	18	114	76
452	119	16	103	1990	333	18	20	82	17	118	77
				1990							
453	120	16	103	May	333	18	20	82	17	118	78
453	120	16	104	June	333	18	20	82	17	118	77
453	120	16	103	July	333	18	20	82	17	118	77
453	119	16	103	August	334	18	20	82	17	118	78
452	118	16	102	September	334	19	20	82	17	119	77
452	118	15	102	October	334	18	20	82	17	119	77
452	117	15	101	November	334	19	20	82	17	119	77
452	117	15	101	December	335	19	20	82	18	120	77
				1991							
451	117	15	101	January	334	18	20	83	18	119	77
452	116	16	100	February	336	18	20	83	18	120	77
450	114	16	98	March	336	19	20	83	18	120	77
450	114	16	98	April	336	19	20	83	18	120	76
451	114	16	98	May	337	19	20	83	18	121	76

Nonagricultural Wage and Salary Employment[a]

Not Seasonally Adjusted

Dayton–Springfield MSA

	Employment (in thousands)			Change[d] (in thousands)	
	May 1991[b]	Apr. 1991[c]	May 1990[c]	From Last Month	From Last Year
Total	451.8	449.7	453.9	2.1	-2.1
Goods-Producing Industries[e]	113.7	113.0	120.1	.7	-6.4
Construction	15.8	15.1	16.4	.7	-.5
Manufacturing	97.4	97.4	103.3	.0	-5.9
Durable Goods[f]	68.5	68.5	74.2	.0	-5.8
Fabricated Metal Products	7.7	7.6	8.4	.1	-.7
Industrial Machinery and Equipment	27.9	28.2	31.2	-.3	-3.3
Metalworking Machinery	7.6	7.7	8.4	-.1	-.9
General Industrial Machinery	2.7	2.8	2.9	.0	-.1
Electronic and Other Electric Equipment	3.4	3.4	3.5	.0	-.1
Transportation Equipment	20.8	20.6	21.8	.2	-.9
Motor Vehicles and Equipment	18.1	17.8	18.6	.3	-.5
Nondurable Goods[g]	29.0	28.9	29.1	.0	-.1
Food and Kindred Products	2.8	2.7	2.5	.1	.3
Paper and Allied Products	6.3	6.4	6.2	-.1	.0
Printing and Publishing	8.6	8.6	8.9	.0	-.3
Rubber and Miscellaneous Plastics Products	7.5	7.5	7.8	.0	-.3
Service-Producing Industries	338.1	336.7	333.8	1.4	4.4
Transportation and Public Utilities	18.8	18.6	18.2	.2	.6
Transportation	12.3	12.1	11.9	.2	.4
Trucking and Warehousing	6.0	5.9	6.0	.1	-.1
Communications, Electric, Gas Services	6.5	6.5	6.4	.0	.2
Communications	3.4	3.4	3.4	.0	.0
Wholesale Trade	20.0	19.8	20.2	.2	-.2
Wholesale Trade-Durable Goods	13.5	13.5	13.8	.1	-.3
Wholesale Trade-Nondurable Goods	6.5	6.4	6.4	.1	.1
Retail Trade	83.4	82.3	82.1	1.1	1.3
General Merchandise Stores	12.6	12.6	12.6	.1	.0
Finance, Insurance, and Real Estate	17.7	17.6	17.3	.1	.5
Finance	9.6	9.6	9.4	.0	.2
Depository Institutions	7.4	7.4	7.2	.0	.2
Insurance	4.6	4.6	4.3	.0	.3
Services	120.2	120.6	116.9	-.3	3.3
Business Services	24.7	24.1	23.5	.6	1.2
Personnel Supply Services	7.5	7.0	6.8	.5	.7
Computer and Data Processing Services	6.1	6.1	5.7	.1	.4
Health Services	39.8	39.6	38.5	.2	1.3
Nursing and Personal Care Facilities	7.1	7.0	6.9	.1	.2
Hospitals	20.0	20.0	19.5	.0	.5
Educational Services	7.6	9.2	7.6	-1.6	.1
Social Services	6.6	6.6	6.3	.0	.3
Engineering and Management Services	10.3	10.5	10.4	-.1	-.1
Research and Testing Services	3.1	3.1	3.2	.0	-.1
Government	77.9	77.8	79.1	.2	-1.2
Federal Government	28.2	28.2	30.0	.0	-1.9
State Government	7.4	7.6	7.4	-.2	.0
State Government Education[h]	4.6	4.7	4.5	-.2	.1
Local Government	42.3	42.0	41.7	.3	.7
Local Government Education	26.6	26.4	26.0	.2	.6

Hours and Earnings of Production or Nonsupervisory Workers[a]

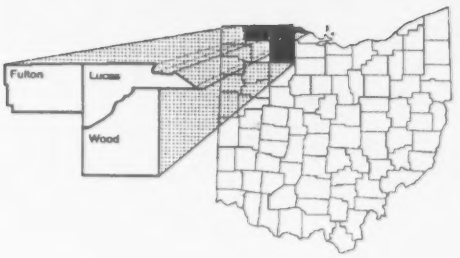
Not Seasonally Adjusted

Dayton–Springfield MSA

	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	May 1991[b]	Apr. 1991[c]	May 1990[c]	May 1991[b]	Apr. 1991[c]	May 1990[c]	May 1991[b]	Apr. 1991[c]	May 1990[c]
Manufacturing	$569.21	$562.63	$583.08	41.7	41.4	43.0	$13.65	$13.59	$13.56
Durable Goods[f]	592.07	584.92	602.30	42.2	41.9	43.3	14.03	13.96	13.91
Fabricated Metal Products	409.18	395.41	425.27	41.0	39.9	42.4	9.98	9.91	10.03
Industrial Machinery and Equipment	646.65	642.10	616.50	44.2	44.1	43.6	14.63	14.56	14.14
Metalworking Machinery	577.19	571.97	587.38	43.3	43.2	44.6	13.33	13.24	13.17
General Industrial Machinery	559.06	578.00	527.91	45.6	46.5	44.7	12.26	12.43	11.81
Electronic and Other Electric Equipment	371.46	374.53	371.32	41.0	41.8	42.1	9.06	8.96	8.82
Transportation Equipment	708.64	699.72	760.63	41.2	40.8	44.3	17.20	17.15	17.17
Motor Vehicles and Equipment	719.66	709.28	774.78	41.1	40.6	44.4	17.51	17.47	17.45
Nondurable Goods[g]	514.04	503.20	525.83	40.7	40.0	42.1	12.63	12.58	12.49
Food and Kindred Products	368.99	345.14	358.35	41.6	39.4	40.4	8.87	8.76	8.87
Paper and Allied Products	511.34	495.81	529.62	42.4	41.7	45.5	12.06	11.89	11.64
Printing and Publishing	469.20	457.34	462.55	39.1	38.4	39.5	12.00	11.91	11.71
Rubber and Miscellaneous Plastics Products	643.40	641.63	675.26	39.4	39.1	41.3	16.33	16.41	16.35
Transportation and Public Utilities	.....	.....	.....	....	....	....	.....	.....	.....
Communications, Electric, Gas Services	615.91	604.03	556.61	41.7	41.4	39.9	14.77	14.59	13.95
Communications	649.89	643.38	559.99	42.7	42.3	39.8	15.22	15.21	14.07
Wholesale Trade	387.61	395.07	390.43	38.8	39.0	39.2	9.99	10.13	9.96
Retail Trade[i]	184.88	182.09	176.42	28.4	27.8	28.5	6.51	6.55	6.19
General Merchandise Stores	203.64	201.63	180.14	29.3	28.6	27.8	6.95	7.05	6.48
Finance, Insurance, and Real Estate	.....	.....	.....	....	....	....	.....	.....	.....
Finance	.....	.....	.....	....	....	....	.....	.....	.....
Depository Institutions	293.19	285.45	271.35	....	....	....	.....	.....	.....
Services	.....	.....	.....	....	....	....	.....	.....	.....
Health Services	.....	.....	.....	....	....	....	.....	.....	.....
Hospitals	427.61	426.42	410.74	34.1	34.5	34.2	12.54	12.36	12.01

[a]See Technical Notes for concepts. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes mining. [f]Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; primary metal industries; instruments and related products; miscellaneous manufacturing industries. [g]Includes tobacco products; textile mill products; apparel and other textile products; chemicals and allied products; petroleum and coal products; leather and leather products. [h]Includes State universities. Excludes the agricultural extension service, agricultural research centers, and the Ohio Department of Education. [i]Money payments only; tips not included. [j]Depressed due to labor-management disputes.

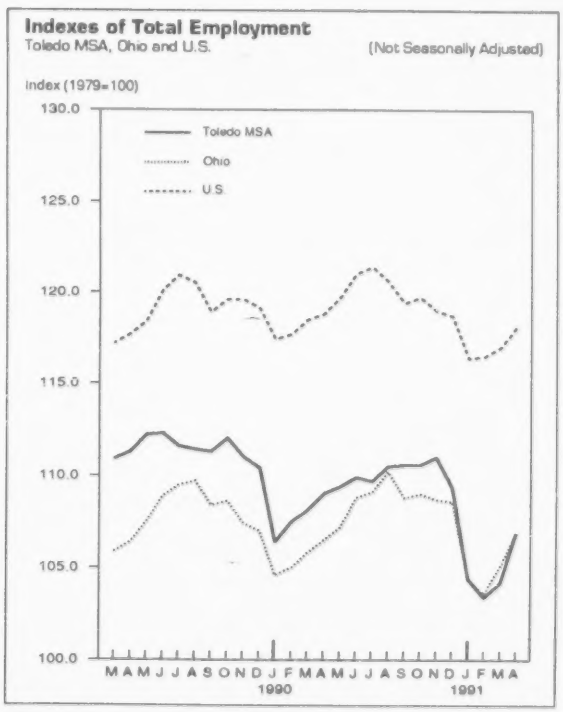
Toledo
Metropolitan Statistical Area

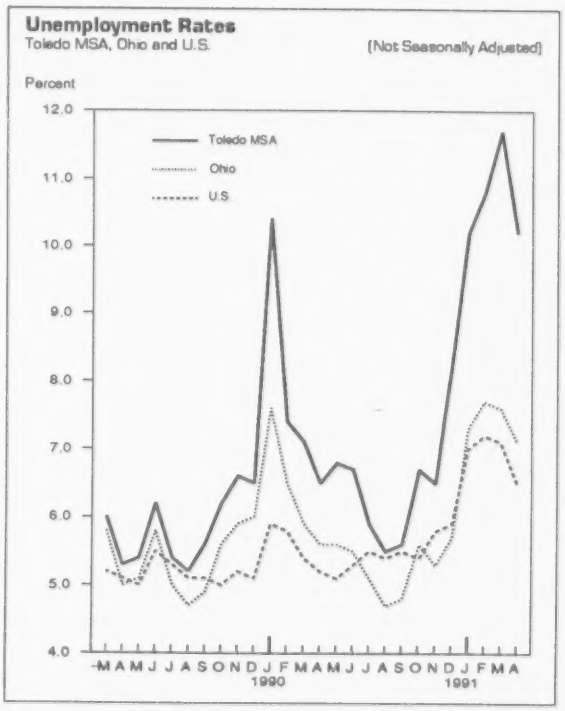


Nonfarm payroll employment in the Toledo metropolitan area rose 2,800 above the April level to 288,500 in May 1991. More business in retail trade and services helped increase employment in the service-producing sector 2,000. Seasonal gains in construction and nominal improvements in manufacturing, particularly fabricated metal products and rubber and miscellaneous plastics products, raised employment in goods-producing industries 800 over the month to 65,100. Factory production workers averaged $13.57 per hour, fractionally higher than April. Their average workweek of 42.8 hours was 0.6 hours longer.

Nonagricultural wage and salary employment dropped 5,500 between May 1990 and May 1991. Significant over-the-year reductions among manufacturers of durable goods, especially transportation equipment (-5,000), and declines in construction lowered employment in goods-producing industries 7,300. Noteworthy cutbacks occurred in stone, clay, and glass products and in fabricated metal products. Employment in service-producing industries advanced 1,800 during the period. Expansion in services, notably health services, overshadowed declines in federal government and retail trade.

Seasonally adjusted employment in the Toledo area totaled 286,000 in May 1991, unchanged from April. Since May 1990, nonfarm payroll employment fell 6,000. A significant decline in manufacturing and modest decreases in construction, retail trade, and government overshadowed growth in services.





Toledo MSA Labor Force and Employment Data

(Employed and Unemployed in Thousands)

Civilian Labor Force					Nonagricultural Wage & Salary Employment					
						Manufacturing Employment				
							Manufacturing Production Workers			
								Hours & Earnings		
Total	Employed	Unemployed						Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
		Total	Rate							
INA	INA	INA	INA	1980	257.0	66.4	INA	INA	INA	INA
INA	INA	INA	INA	1981	254.2	65.8	INA	INA	INA	INA
INA	INA	INA	INA	1982	244.4	60.2	INA	INA	INA	INA
289.2	256.1	33.1	11.4	1983	245.3	59.6	INA	INA	INA	INA
293.5	267.3	26.2	8.9	1984	257.0	64.8	45.7	$502.42	43.2	$11.63
296.5	272.3	24.3	8.2	1985	264.5	65.7	46.2	523.55	42.6	12.29
307.1	281.2	25.8	8.4	1986	272.0	63.4	44.2	527.03	42.4	12.43
307.6	285.1	22.5	7.3	1987	278.0	62.2	43.7	540.60	42.5	12.72
311.0	292.7	18.2	5.9	1988	286.6	62.7	44.9	566.78	43.2	13.12
316.2	297.4	18.8	6.0	1989	291.9	61.5	43.9	576.81	43.5	13.26
313.9	292.1	21.8	6.9	1990	290.7	59.2	42.2	580.13	43.1	13.46
				1990						
313.5	292.2	21.2	6.8	May	294.0	60.0	43.2	589.37	43.4	13.58
314.9	293.7	21.2	6.7	June	293.1	60.7	43.7	585.90	43.4	13.50
311.6	293.1	18.5	5.9	July	288.9	60.4	43.4	576.09	42.8	13.46
312.3	295.2	17.1	5.5	August	288.4	60.4	43.5	584.87	43.1	13.57
312.9	295.4	17.5	5.6	September	294.4	61.1	44.2	610.94	44.4	13.76
316.7	295.4	21.2	6.7	October	294.8	59.5	42.8	585.30	43.1	13.58
317.3	296.6	20.7	6.5	November	295.7	59.5	42.5	595.88	43.4	13.73
318.4	292.3	26.1	8.2	December	291.4	55.2	38.4	573.52	42.8	13.40
				1991						
310.7	279.0	31.7	10.2	January	281.7	53.9	37.2	566.95	42.5	13.34
309.6	276.2	33.4	10.8	February	280.0	52.9	36.2	561.26	42.2	13.30
315.2	278.4	36.8	11.7	March	280.4	50.1	33.5	549.87	42.2	13.03
318.3	285.7	32.6	10.2	April	285.7	53.1	36.5	570.97	42.2	13.53
INA	INA	INA	INA	May	288.5	53.3	36.7	580.80	42.8	13.57

INA -- Information not available

Toledo MSA Nonagricultural Wage and Salary Employment

Seasonally Adjusted

(In Thousands)

Total	Goods-Producing Industries	Construction	Manufacturing		Service-Producing Industries	Transportation & Public Utilities	Wholesale Trade	Retail Trade	Finance, Insurance, & Real Estate	Services	Government
257	77	10	66	1980	180	16	14	46	9	54	40
254	76	9	66	1981	179	16	14	46	9	55	39
244	68	7	60	1982	177	14	14	44	9	57	38
245	67	7	60	1983	178	14	14	44	9	58	39
257	73	8	65	1984	184	14	15	47	10	59	39
265	74	9	66	1985	190	14	15	50	10	62	40
272	73	9	63	1986	199	14	15	52	11	67	41
278	73	10	62	1987	206	14	15	54	12	70	42
287	74	11	63	1988	213	13	15	57	12	73	42
292	74	12	62	1989	218	14	16	58	12	75	43
291	71	12	59	1990	219	15	15	57	12	77	44
				1990							
292	72	12	60	May	219	15	15	57	12	76	45
292	72	12	60	June	220	15	15	57	12	76	44
292	72	12	60	July	220	15	15	57	12	77	44
292	72	12	60	August	220	15	15	57	12	77	44
291	72	12	60	September	220	15	15	57	12	77	44
290	71	11	59	October	220	15	15	57	12	77	44
291	71	11	59	November	220	15	15	57	12	77	44
287	67	11	56	December	220	15	15	56	12	78	44
				1991							
287	66	11	55	January	221	15	15	56	12	78	44
285	65	11	54	February	220	15	15	56	12	78	43
283	62	11	51	March	221	15	15	56	12	79	44
286	65	11	53	April	221	15	15	56	12	79	44
286	65	11	53	May	221	15	15	56	12	79	44

Nonagricultural Wage and Salary Employment[a]

Not Seasonally Adjusted

Toledo MSA

	Employment (in thousands)			Change[d] (in thousands)	
	May 1991[b]	Apr. 1991[c]	May 1990[c]	From Last Month	From Last Year
Total	288.5	285.7	294.0	2.8	-5.5
Goods-Producing Industries[e]	65.1	64.3	72.4	.8	-7.3
Construction	11.6	11.1	12.1	.5	-.5
Manufacturing	53.3	53.1	60.0	.2	-6.7
Durable Goods[f]	38.6	38.6	44.9	.0	-6.3
Stone, Clay, and Glass Products	7.4	7.5	8.3	-.1	-.9
Primary Metal Industries	3.0	3.0	3.1	.0	-.1
Fabricated Metal Products	6.2	6.0	6.7	.2	-.5
Metal Forgings and Stampings	2.3	2.3	2.6	.0	-.3
Industrial Machinery and Equipment	5.6	5.6	5.6	.0	.1
Transportation Equipment	9.2	9.2	14.3	.0	-5.1
Nondurable Goods[g]	14.7	14.5	15.1	.2	-.4
Food and Kindred Products	3.6	3.6	3.8	.0	-.2
Rubber and Miscellaneous Plastics Products	3.7	3.6	3.8	.2	.0
Service-Producing Industries	223.4	221.4	221.6	2.0	1.8
Transportation and Public Utilities	14.7	14.5	14.7	.2	.0
Transportation	9.9	9.7	10.1	.3	-.1
Communications, Electric, Gas Services	4.8	4.8	4.7	-.1	.1
Wholesale Trade	15.2	15.1	15.3	.1	-.2
Wholesale Trade-Durable Goods	9.8	9.8	9.9	.1	-.1
Wholesale Trade-Nondurable Goods	5.4	5.3	5.4	.0	-.1
Retail Trade	56.2	55.4	56.8	.8	-.6
General Merchandise Stores	8.2	8.2	8.5	.0	-.3
Finance, Insurance, and Real Estate	12.2	12.0	12.1	.2	.1
Finance	6.2	6.2	6.2	.0	.0
Insurance	3.8	3.7	3.8	.1	.0
Services	79.4	78.9	76.3	.5	3.1
Business Services	12.8	12.6	12.7	.3	.1
Personnel Supply Services	4.9	4.6	4.7	.3	.2
Health Services	28.9	28.8	27.7	.1	1.2
Nursing and Personal Care Facilities	4.1	4.1	4.0	.0	.1
Hospitals	15.6	15.5	15.2	.0	.4
Engineering and Management Services	6.2	6.2	5.9	.0	.3
Government	45.7	45.5	46.4	.2	-.7
Federal Government	2.4	2.4	3.2	.0	-.8
State Government	17.6	17.7	17.4	-.1	.3
State Government Education[h]	13.3	13.4	13.0	-.1	.4
Local Government	25.7	25.4	25.8	.3	-.1
Local Government Education	15.2	15.0	15.1	.2	.2

Hours and Earnings of Production or Nonsupervisory Workers[a]

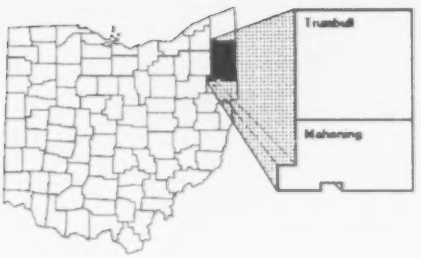
Not Seasonally Adjusted

Toledo MSA

	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	May 1991[b]	Apr. 1991[c]	May 1990[c]	May 1991[b]	Apr. 1991[c]	May 1990[c]	May 1991[b]	Apr. 1991[c]	May 1990[c]
Manufacturing	$580.80	$570.97	$589.37	42.8	42.2	43.4	$13.57	$13.53	$13.58
Durable Goods[f]	576.73	576.03	601.68	42.5	42.2	43.6	13.57	13.65	13.80
Stone, Clay, and Glass Products	521.59	526.58	548.23	41.2	41.3	43.1	12.66	12.75	12.72
Primary Metal Industries	550.69	501.76	550.14	45.7	42.2	46.9	12.05	11.89	11.73
Fabricated Metal Products	525.10	540.18	523.18	42.9	42.4	44.3	12.24	12.74	11.81
Metal Forgings and Stampings	698.89	763.00	730.97	41.9	43.8	44.9	16.68	17.42	16.28
Industrial Machinery and Equipment	469.65	475.19	487.47	39.7	40.1	41.7	11.83	11.85	11.69
Transportation Equipment	765.00	762.13	767.80	42.5	42.2	43.6	18.00	18.06	17.61
Nondurable Goods[g]	589.86	553.14	550.41	43.5	42.0	42.8	13.56	13.17	12.86
Food and Kindred Products	804.91	642.19	615.53	49.2	43.1	43.5	16.36	14.90	14.15
Rubber and Miscellaneous Plastics Products	359.01	356.38	376.82	41.6	41.2	41.5	8.63	8.65	9.08
Transportation and Public Utilities	.....	.....	.....	....	....	....	.....	.....	.....
Communications, Electric, Gas Services	665.69	673.96	652.80	42.7	42.9	41.9	15.59	15.71	15.58
Wholesale Trade	431.98	430.94	416.52	40.6	40.2	40.4	10.64	10.72	10.31
Retail Trade[i]	175.07	172.48	164.77	27.1	26.7	27.1	6.46	6.46	6.08
Finance, Insurance, and Real Estate	.....	.....	.....	....	....	....	.....	.....	.....
Finance	349.34	350.79	352.34	....	....	....	.....	.....	.....

[a]See Technical Notes for concepts. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes mining. [f]Includes lumber and wood products; furniture and fixtures; electronic and other electric equipment; instruments and related products; miscellaneous manufacturing industries. [g]Includes tobacco products; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; leather and leather products. [h]Includes State universities. Excludes hospitals, the agricultural extension service, agricultural research centers, and the Ohio Department of Education. [i]Money payments only; tips not included. [j]Depressed due to labor- management disputes.

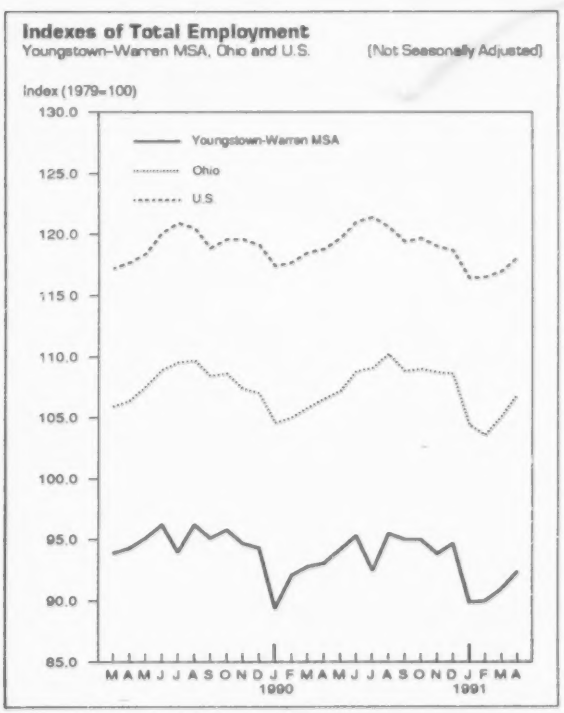
Youngstown-Warren Metropolitan Statistical Area

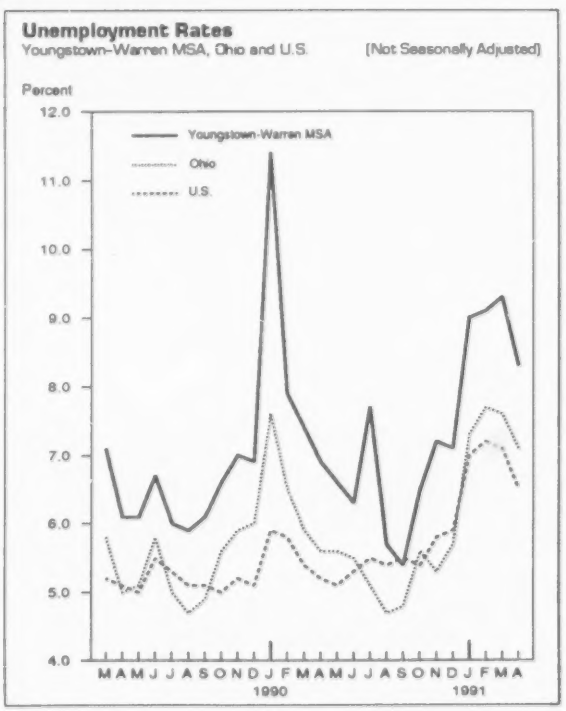


Nonagricultural payroll employment in the Youngstown-Warren metropolitan area rose 3,400 above the April level to 199,800 in May 1991. The return of nonteaching personnel in state and local schools and colleges and seasonal gains in services and retail trade increased employment in the service-producing sector 2,500. More business in construction and scattered improvements among manufacturers of durable and nondurable goods raised employment in goods-producing industries 900 over the month to 56,200. Factory production workers averaged $15.20 per hour, down slightly from April. Their average workweek remained at 41.2 hours.

Nonfarm wage and salary employment dropped 1,500 between May 1990 and May 1991. Scattered production cutbacks in durable-goods manufacturing and declines in construction negated modest growth in nondurable goods, lowering employment in goods-producing industries 2,300. Reductions were posted in primary metal industries, transportation equipment, industrial machinery and equipment, and fabricated metal products. Employment in service-producing industries increased 800 over the year as growth in services outweighed decreases in transportation and public utilities.

Seasonally adjusted employment in the Youngstown-Warren area increased 1,000 from April to 198,000 in May 1991 mainly due to a nominal gain in government. Since May 1990, nonfarm payroll employment declined 1,000. Scattered growth, primarily in services, more than offset a decrease in manufacturing.





Youngstown-Warren MSA Labor Force and Employment Data

(Employed and Unemployed in Thousands)

Civilian Labor Force					Nonagricultural Wage & Salary Employment					
						Manufacturing Employment				
							Manufacturing Production Workers			
								Hours & Earnings		
Total	Employed	Unemployed						Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
		Total	Rate							
238.9	210.5	28.4	11.9	1980	203.1	70.8	54.1	$409.77	39.9	$10.27
234.0	205.7	28.2	12.1	1981	198.7	67.3	50.8	474.10	40.8	11.62
237.0	190.3	46.6	19.7	1982	180.6	52.9	38.1	460.60	39.3	11.72
225.6	188.1	37.5	16.6	1983	177.4	52.8	36.6	521.20	42.1	12.38
222.2	195.9	26.3	11.8	1984	182.5	55.1	41.8	555.97	43.3	12.84
221.3	196.3	25.0	11.3	1985	184.2	52.7	39.6	570.64	43.1	13.24
223.7	200.0	23.7	10.6	1986	187.1	51.7	38.7	553.28	41.6	13.30
221.6	200.0	21.6	9.7	1987	188.3	48.9	36.7	567.91	42.7	13.30
221.3	204.9	16.4	7.4	1988	193.8	50.5	38.5	574.86	42.3	13.59
223.2	208.4	14.9	6.7	1989	197.5	50.0	37.9	599.63	42.8	14.01
221.8	205.9	15.9	7.2	1990	197.7	48.0	35.6	625.98	42.7	14.66
				1990						
221.8	207.2	14.7	6.6	May	201.3	49.8	37.5	628.72	43.3	14.52
223.7	209.6	14.1	6.3	June	202.0	50.5	38.1	636.08	43.3	14.69
220.2	203.3	16.9	7.7	July	193.4	43.9	31.4	604.56	42.1	14.36
222.8	210.0	12.8	5.7	August	198.1	48.7	36.2	605.48	41.7	14.52
220.9	209.0	11.9	5.4	September	200.8	49.4	37.1	682.12	44.7	15.26
223.3	208.8	14.5	6.5	October	201.0	48.9	36.7	664.02	43.4	15.30
222.4	206.4	16.1	7.2	November	198.4	47.0	34.5	659.89	43.3	15.24
224.3	208.3	16.0	7.1	December	200.4	48.2	35.7	641.21	41.8	15.34
				1991						
217.4	197.8	19.6	9.0	January	192.7	46.3	34.0	655.19	42.6	15.38
217.8	197.9	19.9	9.1	February	193.7	47.5	35.2	645.54	42.0	15.37
220.6	200.0	20.6	9.3	March	194.5	47.0	34.8	651.42	42.3	15.40
221.6	203.2	18.3	8.3	April	196.4	47.6	35.4	627.06	41.2	15.22
INA	INA	INA	INA	May	199.8	48.0	35.9	626.24	41.2	15.20

INA – Information not available

Youngstown-Warren MSA Nonagricultural Wage and Salary Employment

Seasonally Adjusted

(In Thousands)

Total	Goods-Producing Industries	Construction	Manufacturing		Service-Producing Industries	Transportation & Public Utilities	Wholesale Trade	Retail Trade	Finance, Insurance, & Real Estate	Services	Government
203	78	7	71	1980	125	10	8	37	7	38	26
199	75	6	67	1981	124	9	8	36	7	39	25
181	59	5	53	1982	121	8	8	35	7	39	24
177	58	5	53	1983	119	8	8	34	7	39	24
182	61	6	55	1984	121	8	8	35	7	40	23
184	60	6	53	1985	124	8	9	37	7	41	23
187	59	7	52	1986	128	8	9	37	8	43	24
188	57	7	49	1987	131	8	10	39	8	44	24
194	58	7	51	1988	135	8	10	40	8	45	24
197	58	8	50	1989	139	8	11	42	9	46	24
198	57	8	48	1990	141	7	11	42	8	48	24
				1990							
199	58	8	49	May	141	7	11	42	8	48	25
199	58	8	50	June	141	7	11	42	8	48	24
195	54	8	45	July	141	7	11	42	8	48	24
199	58	8	49	August	141	7	11	42	8	48	24
198	57	8	48	September	141	7	11	42	8	48	24
198	57	8	48	October	142	7	11	42	8	48	25
197	55	8	47	November	141	7	11	42	8	48	24
199	57	8	48	December	142	7	11	42	8	48	24
				1991							
198	56	8	48	January	142	7	11	42	8	48	24
198	56	8	48	February	142	7	11	42	8	48	24
197	55	8	47	March	142	7	11	42	8	48	24
197	56	8	48	April	141	7	11	42	8	49	24
198	56	8	48	May	142	7	11	42	8	49	25

Nonagricultural Wage and Salary Employment[a]

Not Seasonally Adjusted

Youngstown–Warren MSA

	Employment (in thousands)			Change[d] (in thousands)	
	May 1991[b]	Apr. 1991[c]	May 1990[c]	From Last Month	From Last Year
Total	199.8	196.4	201.3	3.4	-1.5
Goods-Producing Industries[e]	56.2	55.2	58.5	.9	-2.3
Construction	7.7	7.2	8.3	.5	-.5
Manufacturing	48.0	47.6	49.8	.4	-1.8
Durable Goods[f]	42.4	42.1	44.5	.2	-2.1
Primary Metal Industries	17.8	17.8	18.8	-.1	-1.0
Blast Furnace and Basic Steel Products	6.4	6.6	6.4	-.1	.0
Fabricated Metal Products	7.1	7.0	7.3	.1	-.2
Metal Forgings and Stampings	3.8	3.7	3.8	.1	.0
Industrial Machinery and Equipment	4.0	4.1	4.3	.0	-.3
Transportation Equipment	8.7	8.6	9.1	.1	-.4
Nondurable Goods[g]	5.7	5.5	5.4	.2	.3
Service-Producing Industries	143.7	141.2	142.8	2.5	.8
Transportation and Public Utilities	7.0	7.0	7.4	.1	-.3
Wholesale Trade	11.4	11.2	11.4	.1	.0
Wholesale Trade-Durable Goods	6.6	6.4	6.8	.2	-.2
Wholesale Trade-Nondurable Goods	4.8	4.8	4.6	.0	.2
Retail Trade	42.2	41.7	42.1	.5	.1
General Merchandise Stores	5.3	5.2	5.6	.1	-.4
Finance, Insurance, and Real Estate	8.4	8.3	8.4	.1	.0
Finance	4.8	4.7	4.7	.0	.1
Services	49.2	48.5	48.0	.7	1.1
Health Services	21.6	21.6	21.3	.1	.4
Nursing and Personal Care Facilities	5.1	5.0	5.0	.1	.0
Hospitals	10.7	10.7	10.6	.0	.0
Government	25.5	24.5	25.6	1.1	.0
State Government	4.6	4.2	4.6	.4	.0
State Government Education[h]	3.2	2.8	3.1	.4	.0
Local Government	18.9	18.2	18.4	.7	.5
Local Government Education	12.0	11.6	11.6	.4	.5

Hours and Earnings of Production or Nonsupervisory Workers[a]

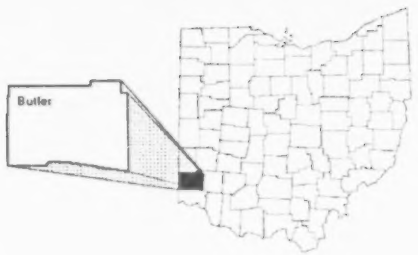
Not Seasonally Adjusted

Youngstown–Warren MSA

	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	May 1991[b]	Apr. 1991[c]	May 1990[c]	May 1991[b]	Apr. 1991[c]	May 1990[c]	May 1991[b]	Apr. 1991[c]	May 1990[c]
Manufacturing	$626.24	$627.06	$628.72	41.2	41.2	43.3	$15.20	$15.22	$14.52
Durable Goods[f]	641.98	645.11	645.36	41.1	41.3	43.4	15.62	15.62	14.87
Primary Metal Industries	630.83	635.60	695.70	39.6	40.0	43.4	15.93	15.89	16.03
Blast Furnace and Basic Steel Products	618.79	642.34	660.15	43.7	44.7	46.1	14.16	14.37	14.32
Fabricated Metal Products	643.30	658.47	650.51	41.8	42.4	45.3	15.39	15.53	14.36
Metal Forgings and Stampings	769.86	802.47	791.11	42.0	43.4	47.6	18.33	18.49	16.62
Industrial Machinery and Equipment	485.10	486.25	510.02	39.6	39.5	41.6	12.25	12.31	12.26
Transportation Equipment	796.45	790.24	696.69	44.1	44.0	43.9	18.06	17.96	15.87
Nondurable Goods[g]	476.94	456.65	462.67	41.8	40.7	42.8	11.41	11.22	10.81
Wholesale Trade	389.79	388.50	381.92	37.3	37.5	38.5	10.45	10.36	9.92
Retail Trade[i]	185.91	184.92	182.56	27.1	26.8	28.0	6.86	6.90	6.52
Finance, Insurance, and Real Estate	.....	.....	.....	....	....	....	.....	.....	.....
Finance	232.65	232.97	228.98	....	....	....	.....	.....	.....

[a]See Technical Notes for concepts. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes mining. [f]Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; electronic and other electric equipment; instruments and related products; miscellaneous manufacturing industries. [g]Includes food and kindred products; tobacco products; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; rubber and miscellaneous plastics products; leather and leather products. [h]Includes State universities. Excludes the agricultural extension service, agricultural research centers, and the Ohio Department of Education. [i]Money payments only; tips not included. [j]Depressed due to labor-management disputes.

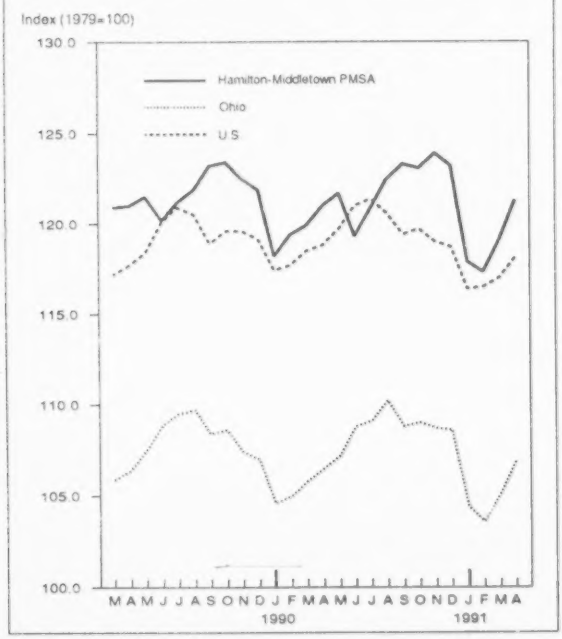
Hamilton-Middletown Primary Metropolitan Statistical Area



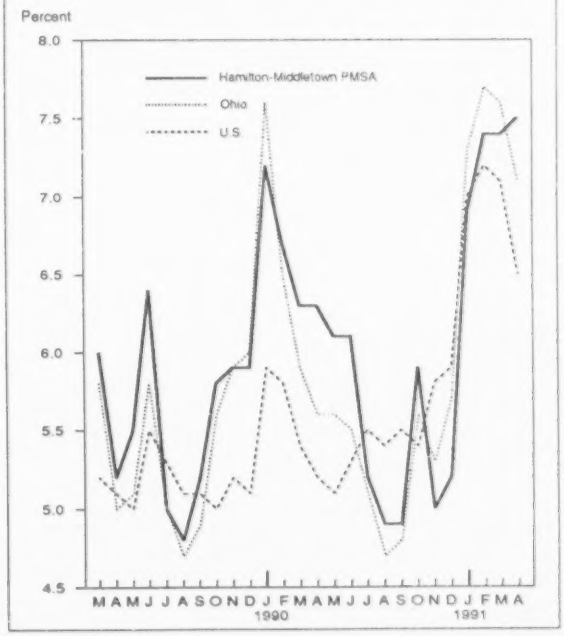
In the Hamilton-Middletown metropolitan area, nonagricultural payroll employment rose 700 above the April level to 97,900 in May 1991. Growth in services and retail trade raised employment in service-producing industries 500. Employment in goods-producing industries, at 26,300, gained 200 over the month. Seasonal increases in construction and mining overshadowed decreases in durable-goods manufacturing, mainly primary metal industries. Factory production workers averaged $14.79 per hour, up 12 cents from April. Their average workweek was 0.2 hours longer at 45.9 hours.

Nonfarm wage and salary employment advanced 600 between May 1990 and May 1991. The service-producing sector added 1,400 jobs over the year due to expansion in local and state government and in services, particularly health services. Production cutbacks among manufacturers of durable and nondurable goods and slight declines in construction and mining lowered employment in goods-producing industries 800. Reductions occurred in fabricated metal products, paper and allied products, and industrial machinery and equipment.

Indexes of Total Employment
Hamilton-Middletown PMSA, Ohio and U.S. (Not Seasonally Adjusted)



Unemployment Rates
Hamilton-Middletown PMSA, Ohio and U.S. (Not Seasonally Adjusted)



Civilian Labor Force Estimates[a]

Not Seasonally Adjusted

Hamilton–Middletown PMSA

	Estimates (in thousands)			Change[d] (in thousands)	
	Apr. 1991[b]	Mar. 1991[c]	Apr. 1990[c]	From Last Month	From Last Year
Civilian Labor Force	134.7	132.1	132.6	2.5	2.1
Employment	124.6	122.3	124.3	2.3	.3
Unemployment	10.1	9.8	8.3	.3	1.8
Unemployment Rate	7.5	7.4	6.3		

Nonagricultural Wage and Salary Employment[a]

Not Seasonally Adjusted

Hamilton–Middletown PMSA

	Estimates (in thousands)			Change[d] (in thousands)	
	May 1991[b]	Apr. 1991[c]	May 1990[c]	From Last Month	From Last Year
Total	97.9	97.2	97.3	.7	.6
Goods–Producing Industries	26.3	26.1	27.1	.2	-.8
Construction and Mining	5.8	5.6	5.9	.3	-.1
Manufacturing	20.4	20.5	21.2	-.1	-.7
Durable Goods	14.2	14.2	14.8	-.1	-.6
Primary Metal Industries	6.3	6.4	6.3	-.1	.0
Fabricated Metal Products	2.3	2.3	2.6	.0	-.2
Industrial Machinery and Equipment	2.3	2.3	2.5	.0	-.1
Nondurable Goods	6.2	6.2	6.3	.0	-.1
Paper and Allied Products	4.4	4.4	4.5	.0	-.2
Paper Mills	3.2	3.2	3.4	.0	-.2
Service–Producing Industries	71.6	71.1	70.2	.5	1.4
Transportation and Public Utilities	3.3	3.3	3.3	.0	.1
Wholesale Trade	5.8	5.8	5.9	.0	.0
Wholesale Trade–Durable Goods	4.0	3.9	4.0	.0	.0
Retail Trade	18.0	17.8	18.1	.2	-.1
Food Stores	3.4	3.4	3.4	.0	.0
Finance, Insurance, and Real Estate	4.5	4.5	4.6	.0	-.1
Services	20.3	20.0	19.7	.3	.6
Health Services	9.1	9.1	8.5	.0	.6
Government	19.7	19.7	18.7	-.1	1.0
State Government (Includes Education)	7.9	8.2	7.5	-.3	.4
Local Government	11.1	10.9	10.2	.2	.9
Local Government Education	7.6	7.4	6.7	.2	.9

Hours and Earnings of Production or Nonsupervisory Workers[a]

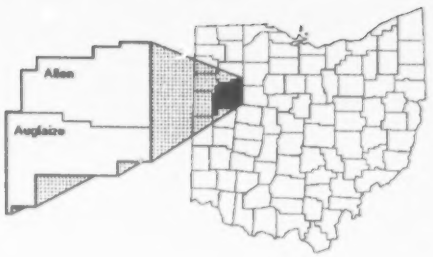
Not Seasonally Adjusted

Hamilton–Middletown PMSA

	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	May 1991[b]	Apr. 1991[c]	May 1990[c]	May 1991[b]	Apr. 1991[c]	May 1990[c]	May 1991[b]	Apr. 1991[c]	May 1990[c]
Manufacturing	$678.86	$670.42	$632.04	45.9	45.7	45.8	$14.79	$14.67	$13.80
Durable Goods	708.99	694.60	652.81	46.4	46.0	46.2	15.28	15.10	14.13
Primary Metal Industries	834.96	831.60	759.51	49.7	50.4	48.5	16.80	16.50	15.66
Fabricated Metal Products	536.49	478.75	504.19	41.3	38.3	41.6	12.99	12.50	12.12
Industrial Machinery and Equipment	656.20	627.54	639.73	44.7	43.1	49.4	14.68	14.56	12.95
Nondurable Goods	599.42	606.15	581.06	44.6	44.9	44.8	13.44	13.50	12.97
Paper and Allied Products	637.49	651.32	612.87	46.6	47.3	46.5	13.68	13.77	13.18
Paper Mills	632.96	655.65	605.53	45.9	47.0	45.7	13.79	13.95	13.25
Wholesale Trade	460.08	443.00	453.26	41.3	40.2	42.6	11.14	11.02	10.64
Retail Trade[i]	181.33	180.13	174.33	27.6	27.5	28.3	6.57	6.55	6.16

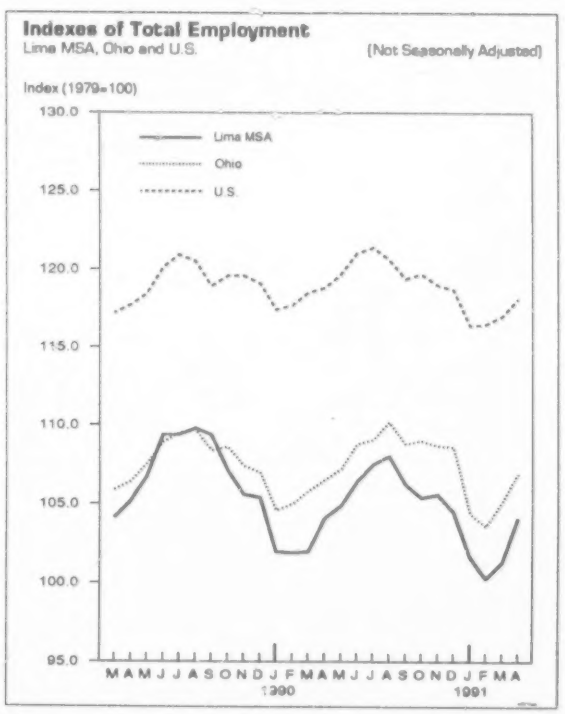
[a]See Technical Notes for concepts. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [i]Money payments only; tips not included.
[j]Depressed due to labor-management disputes.

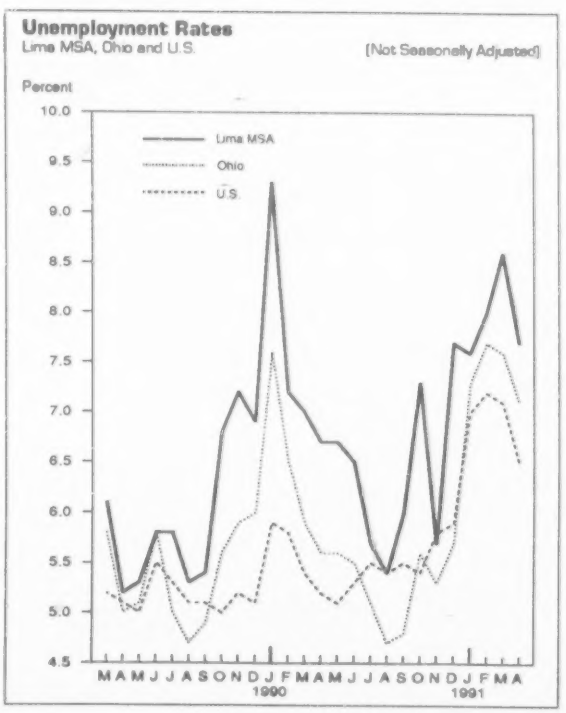
Lima Metropolitan Statistical Area



Nonfarm wage and salary employment in the Lima metropolitan area totaled 73,200 in May 1991, up 600 from April. Growth was concentrated in the service-producing sector. Modest increases were posted in services and retail trade. Employment in goods-producing industries, at 25,000, was unchanged over the month. Slight declines in manufacturing, primarily industrial machinery and equipment and rubber and miscellaneous plastics products, offset nominal growth in construction and mining. Factory production workers averaged $13.72 per hour, up 10 cents from April. Their average workweek of 41.5 hours was 0.4 hours longer.

Nonagricultural payroll employment dropped 200 between May 1990 and May 1991. Production cutbacks in durable-goods manufacturing and nominal decreases in construction and mining negated growth in nondurable-goods manufacturing, lowering employment in goods-producing industries 1,100. Noteworthy reductions occurred in industrial machinery and equipment and transportation equipment. Food and kindred products posted a slight gain. Expansion in services raised employment in service-producing industries 900.





Civilian Labor Force Estimates[a]

Not Seasonally Adjusted

Lima MSA

	Estimates (in thousands)			Change[d] (in thousands)	
	Apr. 1991[b]	Mar. 1991[c]	Apr. 1990[c]	From Last Month	From Last Year
Civilian Labor Force	77.9	76.6	77.0	1.3	.9
Employment	71.9	70.0	71.9	1.9	.0
Unemployment	6.0	6.6	5.2	-.6	.8
Unemployment Rate	7.7	8.6	6.7		

Nonagricultural Wage and Salary Employment[a]

Not Seasonally Adjusted

Lima MSA

	Estimates (in thousands)			Change[d] (in thousands)	
	May 1991[b]	Apr. 1991[c]	May 1990[c]	From Last Month	From Last Year
Total	73.2	72.7	73.5	.6	-.2
Goods-Producing Industries	25.0	25.1	26.2	.0	-1.1
Construction and Mining	3.2	3.0	3.3	.1	-.2
Manufacturing	21.9	22.0	22.8	-.2	-1.0
Durable Goods	15.2	15.4	16.4	-.1	-1.1
Fabricated Metal Products	2.5	2.5	2.5	.0	.0
Industrial Machinery and Equipment	3.8	3.9	4.3	-.1	-.5
Transportation Equipment	6.4	6.4	6.8	.0	-.4
Motor Vehicles and Equipment	3.4	3.4	3.6	.0	-.2
Nondurable Goods	6.6	6.7	6.5	.0	.2
Food and Kindred Products	1.9	1.9	1.7	.0	.2
Rubber and Miscellaneous Plastics Products	2.1	2.1	2.1	-.1	.0
Service-Producing Industries	48.2	47.6	47.3	.6	.9
Transportation and Public Utilities	3.1	3.1	3.0	.0	.0
Wholesale Trade	3.3	3.3	3.4	.0	-.1
Retail Trade	13.7	13.5	13.7	.2	.0
General Merchandise Stores	2.1	2.1	2.1	.0	.0
Finance, Insurance, and Real Estate	2.1	2.1	2.1	.0	.0
Services	16.3	16.0	15.2	.3	1.0
Health Services	6.8	6.7	6.5	.1	.3
Hospitals	3.3	3.2	3.2	.0	.1
Government	9.8	9.8	9.9	.0	-.1
Local Government	7.4	7.4	7.1	.0	.3
Local Government Education	4.3	4.3	4.1	.0	.2

Hours and Earnings of Production or Nonsupervisory Workers[a]

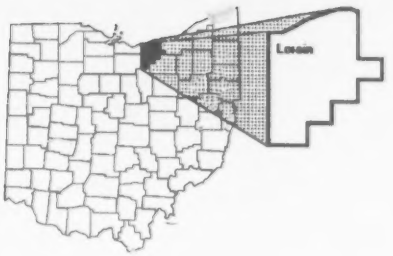
Not Seasonally Adjusted

Lima MSA

	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	May 1991[b]	Apr. 1991[c]	May 1990[c]	May 1991[b]	Apr. 1991[c]	May 1990[c]	May 1991[b]	Apr. 1991[c]	May 1990[c]
Manufacturing	$569.38	$559.78	$549.36	41.5	41.1	42.0	$13.72	$13.62	$13.08
Durable Goods	563.45	549.04	548.94	41.4	40.7	42.0	13.61	13.49	13.07
Fabricated Metal Products	372.19	359.68	386.53	40.9	39.7	42.9	9.10	9.06	9.01
Industrial Machinery and Equipment	446.75	451.87	449.01	37.7	38.1	39.7	11.85	11.86	11.31
Transportation Equipment	724.15	695.14	691.65	42.9	41.7	42.8	16.88	16.67	16.16
Motor Vehicles and Equipment	824.40	774.77	781.80	45.0	42.9	44.7	18.32	18.06	17.49
Nondurable Goods	582.40	586.03	548.89	41.6	42.1	41.9	14.00	13.92	13.10
Food and Kindred Products	388.32	413.25	395.41	41.8	43.5	42.2	9.29	9.50	9.37
Rubber and Miscellaneous Plastics Products	633.94	661.73	572.46	43.6	45.2	43.9	14.54	14.64	13.04
Wholesale Trade	370.92	371.09	364.80	38.2	38.1	38.0	9.71	9.74	9.60
Retail Trade[f]	191.22	187.99	188.63	29.6	29.1	29.8	6.46	6.46	6.33
General Merchandise Stores	187.53	185.26	165.62	28.5	27.9	26.8	6.58	6.64	6.18

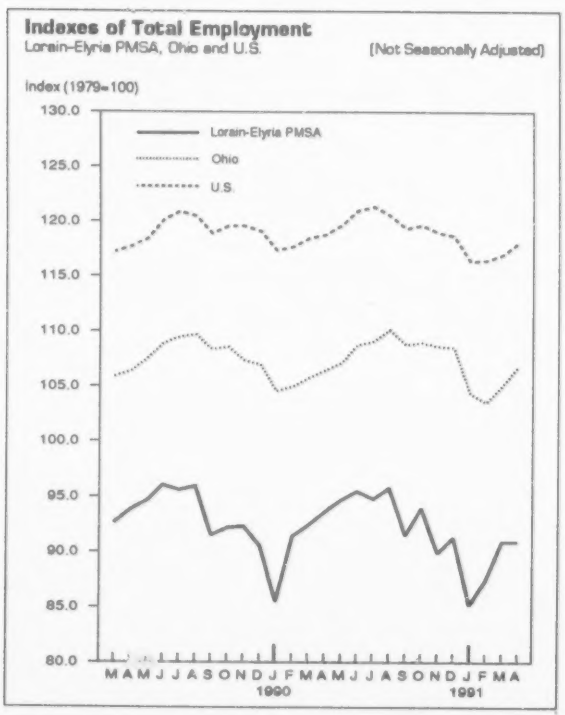
[a]See Technical Notes for concepts. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [f]Money payments only; tips not included.
[j]Depressed due to labor-management disputes.

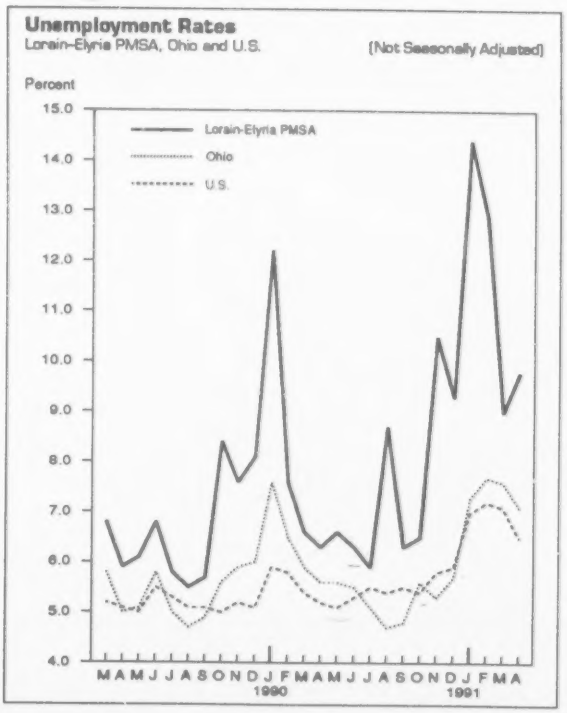
Lorain-Elyria Primary Metropolitan Statistical Area



Nonagricultural wage and salary employment in the Lorain-Elyria metropolitan area totaled 92,700 in May 1991, up 1,100 from the April level. Expansion in retail trade, services, government, and transportation and public utilities raised employment in service-producing industries 700. Employment in goods-producing industries rose 400 over the month to 31,500. Gains were posted in manufacturing, especially transportation equipment, and in construction and mining. Factory production workers averaged $13.60 per hour, down fractionally from April. Their average workweek was 0.4 hours shorter at 41.1 hours.

Nonfarm payroll employment fell 3,100 between May 1990 and May 1991. Over-the-year cutbacks among manufacturers of durable goods, primarily transportation equipment, lowered employment in the goods-producing sector 2,000. Moderate reductions were posted in primary metal industries and fabricated metal products. The number of jobs in service-producing industries declined 1,100. Decreased employment in government and retail trade outweighed modest growth in transportation and public utilities.





Civilian Labor Force Estimates[a]

Not Seasonally Adjusted

Lorain-Elyria PMSA

	Estimates (in thousands)			Change[d] (in thousands)	
	Apr. 1991[b]	Mar. 1991[c]	Apr. 1990[c]	From Last Month	From Last Year
Civilian Labor Force	120.2	119.2	119.2	1.0	1.0
Employment	108.5	108.5	111.7	.0	-3.2
Unemployment	11.8	10.7	7.5	1.0	4.3
Unemployment Rate	9.8	9.0	6.3		

Nonagricultural Wage and Salary Employment[a]

Not Seasonally Adjusted

Lorain-Elyria PMSA

	Estimates (in thousands)			Change[d] (in thousands)	
	May 1991[b]	Apr. 1991[c]	May 1990[c]	From Last Month	From Last Year
Total	92.7	91.6	95.8	1.1	-3.1
Goods-Producing Industries	31.5	31.1	33.6	.4	-2.0
Construction and Mining	5.0	4.8	4.9	.2	.1
Manufacturing	26.5	26.4	28.7	.2	-2.2
Durable Goods	21.9	21.8	24.1	.1	-2.1
Primary Metal Industries	4.2	4.2	4.5	.0	-.3
Fabricated Metal Products	3.7	3.6	4.1	.0	-.3
Transportation Equipment	6.5	6.3	8.0	.2	-1.6
Nondurable Goods	4.6	4.5	4.6	.1	.0
Service-Producing Industries	61.2	60.4	62.2	.7	-1.1
Transportation and Public Utilities	3.4	3.3	3.2	.1	.2
Wholesale Trade	2.5	2.5	2.6	.0	.0
Retail Trade	16.4	16.1	16.8	.3	-.4
Finance, Insurance, and Real Estate	2.9	2.9	3.0	.0	-.1
Services	21.7	21.6	21.7	.2	.0
Health Services	8.4	8.5	8.3	.0	.2
Hospitals	3.9	3.9	3.9	.0	-.1
Government	14.2	14.0	14.9	.2	-.7
Local Government	11.8	11.7	12.0	.1	-.2
Local Government Education	7.8	7.7	7.8	.1	.0

Hours and Earnings of Production or Nonsupervisory Workers[a]

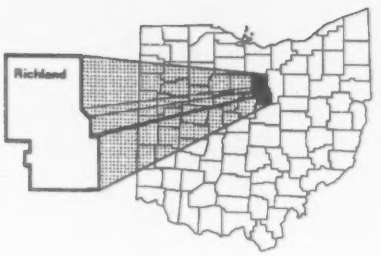
Not Seasonally Adjusted

Lorain-Elyria PMSA

	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	May 1991[b]	Apr. 1991[c]	May 1990[c]	May 1991[b]	Apr. 1991[c]	May 1990[c]	May 1991[b]	Apr. 1991[c]	May 1990[c]
Manufacturing	$558.96	$565.65	$602.36	41.1	41.5	44.0	$13.60	$13.63	$13.69
Durable Goods	588.29	596.24	638.32	41.4	41.9	44.7	14.21	14.23	14.28
Primary Metal Industries	622.91	622.91	622.49	42.9	42.9	43.5	14.52	14.52	14.31
Fabricated Metal Products	427.74	434.85	456.72	42.1	42.8	45.4	10.16	10.16	10.06
Transportation Equipment	730.07	765.61	839.12	40.9	42.7	47.3	17.85	17.93	17.55
Nondurable Goods	404.71	399.06	399.40	39.6	39.2	39.9	10.22	10.18	10.01
Wholesale Trade	378.56	381.09	366.14	38.2	38.3	38.5	9.91	9.95	9.51
Retail Trade[i]	173.84	177.29	162.86	26.5	26.7	26.1	6.56	6.64	6.24

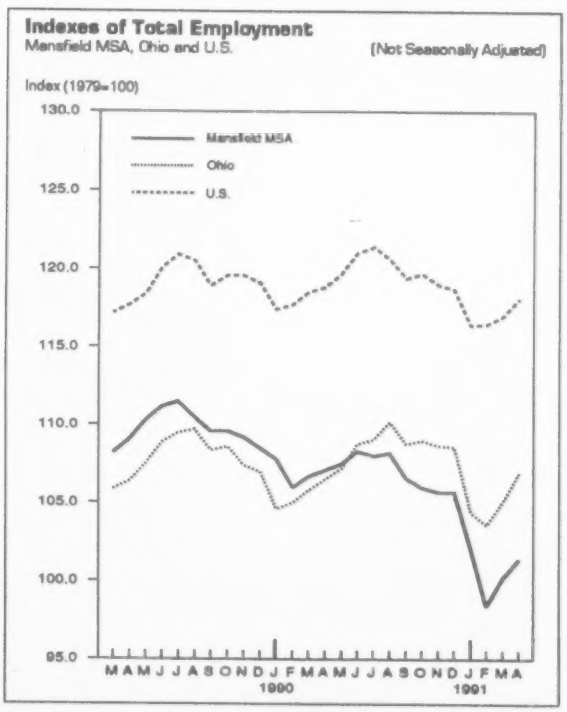
[a]See Technical Notes for concepts. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [i]Money payments only; tips not included.
[l]Depressed due to labor-management disputes.

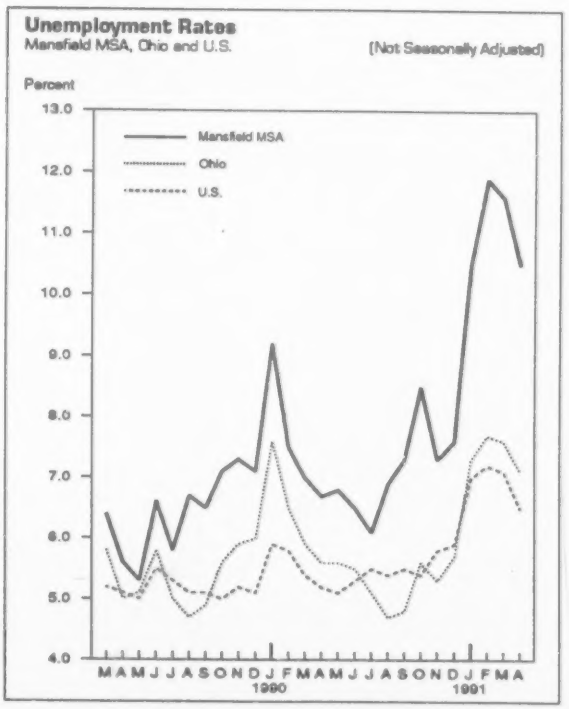
Mansfield Metropolitan Statistical Area



In the Mansfield metropolitan area, nonfarm wage and salary employment totaled 57,900 in May 1991, up 900 from April. Improvements in manufacturing, mainly fabricated metal products, and seasonal increases in construction and mining raised employment in the goods-producing sector 600 to 19,100. Service-producing industries added 300 jobs due to expansion in local government and retail trade. Manufacturing production workers averaged $14.17 per hour, up 36 cents from April. Their average workweek of 40.5 hours was 1.2 hours longer.

Nonagricultural payroll employment fell 2,900 between May 1990 and May 1991. Scattered reductions among manufacturers of durable goods, primarily electronic and other electric equipment, lowered employment in goods-producing industries 1,700. Employment in service-producing industries dropped 1,200 over the year. Noteworthy declines were posted in retail trade and government.





Civilian Labor Force Estimates[a]

Not Seasonally Adjusted

Mansfield MSA

	Estimates (in thousands)			Change[d] (in thousands)	
	Apr. 1991[b]	Mar. 1991[c]	Apr. 1990[c]	From Last Month	From Last Year
Civilian Labor Force	63.9	63.9	64.6	.0	-.7
Employment	57.1	56.4	60.3	.7	-3.1
Unemployment	6.7	7.4	4.3	-.7	2.4
Unemployment Rate	10.5	11.6	6.7		

Nonagricultural Wage and Salary Employment[a]

Not Seasonally Adjusted

Mansfield MSA

	Estimates (in thousands)			Change[d] (in thousands)	
	May 1991[b]	Apr. 1991[c]	May 1990[c]	From Last Month	From Last Year
Total	57.9	57.0	60.8	.9	-2.9
Goods-Producing Industries	19.1	18.4	20.7	.6	-1.7
Construction and Mining	2.1	1.9	2.1	.2	.0
Manufacturing	17.0	16.5	18.6	.4	-1.7
Durable Goods	15.0	14.6	16.6	.4	-1.7
Fabricated Metal Products	5.3	5.0	5.4	.3	-.1
Electronic and Other Electric Equipment	2.4	2.4	3.3	.0	-.9
Nondurable Goods	2.0	2.0	2.0	.1	.0
Service-Producing Industries	38.8	38.6	40.1	.3	-1.2
Transportation and Public Utilities	2.9	2.9	3.0	.0	-.1
Wholesale Trade	2.2	2.2	2.3	.0	-.1
Retail Trade	10.8	10.7	11.3	.1	-.5
Finance, Insurance, and Real Estate	2.2	2.2	2.3	.0	-.1
Services	12.9	12.9	13.0	.0	-.1
Health Services	4.4	4.5	4.4	-.1	.0
Government	7.8	7.6	8.1	.2	-.3
Local Government	5.8	5.7	5.9	.2	.0
Local Government Education	4.1	4.1	4.0	.1	.2

Hours and Earnings of Production or Nonsupervisory Workers[a]

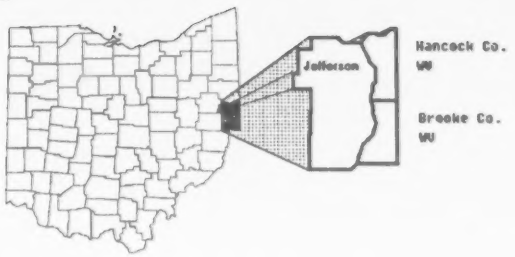
Not Seasonally Adjusted

Mansfield MSA

	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	May 1991[b]	Apr. 1991[c]	May 1990[c]	May 1991[b]	Apr. 1991[c]	May 1990[c]	May 1991[b]	Apr. 1991[c]	May 1990[c]
Manufacturing	$573.89	$542.73	$545.08	40.5	39.3	41.2	$14.17	$13.81	$13.23
Durable Goods	591.60	555.94	563.34	40.0	38.5	41.0	14.79	14.44	13.74
Fabricated Metal Products	765.82	696.85	658.88	40.8	38.1	40.2	18.77	18.29	16.39
Electronic and Other Electric Equipment	398.73	393.09	428.06	38.9	38.5	39.2	10.25	10.21	10.92
Nondurable Goods	422.46	424.43	386.64	44.8	45.2	43.2	9.43	9.39	8.95
Wholesale Trade	346.33	341.30	338.92	39.9	40.2	40.3	8.68	8.49	8.41
Retail Trade[f]	179.20	176.20	164.82	27.4	26.9	26.8	6.54	6.55	6.15

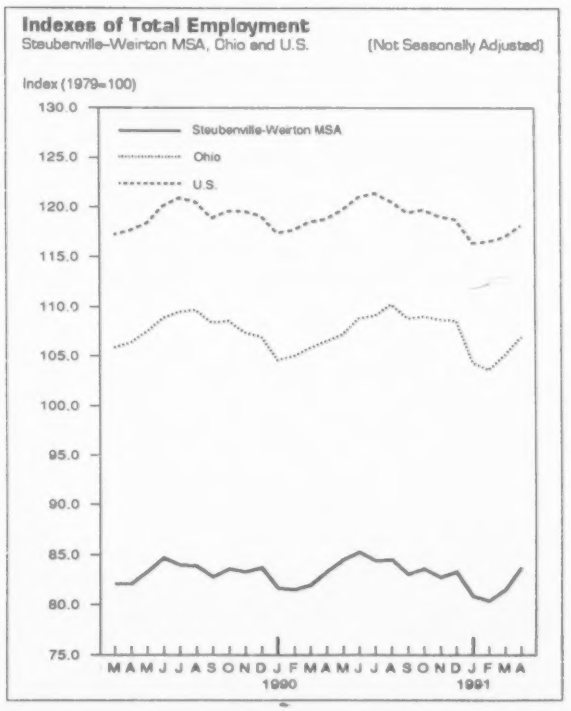
[a]See Technical Notes for concepts. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [f]Money payments only; tips not included. [l]Depressed due to labor-management disputes.

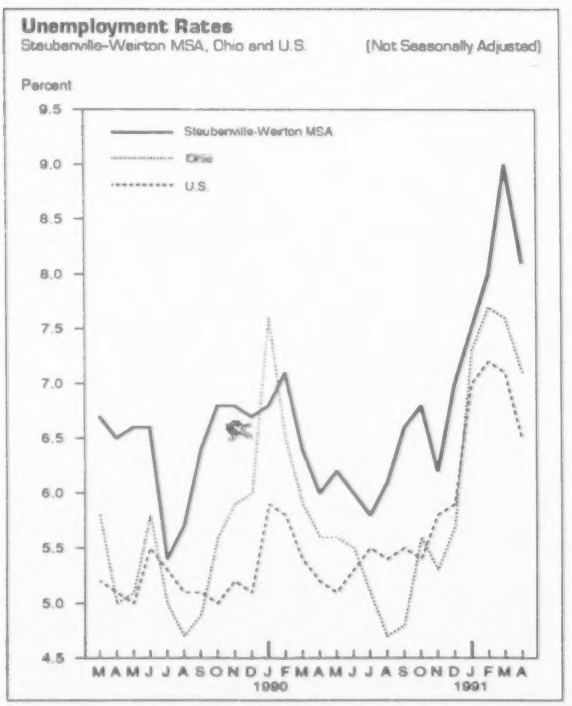
Steubenville-Weirton Metropolitan Statistical Area



Nonfarm wage and salary employment in the Steubenville-Weirton metropolitan area rose 600 above the April level to 53,400 in May 1991. The service-producing sector contributed 83.3 percent of the increase. Gains were posted in retail trade, local government, and services. Employment in goods-producing industries rose 100 over the month to 20,800. Seasonal hirings in construction outweighed nominal decreases in durable-goods manufacturing. Factory production workers averaged $12.08 per hour, up fractionally from April. Their average workweek was unchanged at 41.5 hours.

Nonagricultural payroll employment advanced 100 between May 1990 and May 1991. Employment in service-producing industries increased 200 over the year. Expansion in services, especially health services, overshadowed scattered declines. The goods-producing sector lost 100 jobs as production cutbacks in manufacturing, especially primary metal industries, outweighed growth in construction.





Civilian Labor Force Estimates[a]

Not Seasonally Adjusted

Steubenville–Weirton MSA

	Estimates (in thousands)			Change[d] (in thousands)	
	Apr. 1991[b]	Mar. 1991[c]	Apr. 1990[c]	From Last Month	From Last Year
Civilian Labor Force	57.6	56.7	56.1	.9	1.5
Employment	53.0	51.6	52.7	1.4	.3
Unemployment	4.6	5.1	3.4	-.4	1.3
Unemployment Rate	8.1	9.0	6.0		

Nonagricultural Wage and Salary Employment[a]

Not Seasonally Adjusted

Steubenville–Weirton MSA

	Estimates (in thousands)			Change[d] (in thousands)	
	May 1991[b]	Apr. 1991[c]	May 1990[c]	From Last Month	From Last Year
Total	53.4	52.8	53.3	.6	.1
Goods–Producing Industries	20.8	20.6	20.9	.1	-.1
Mining	.8	.8	.8	.0	.0
Construction	2.6	2.3	2.3	.2	.3
Manufacturing	17.4	17.5	17.7	-.1	-.4
Durable Goods	15.7	15.8	16.1	-.1	-.3
Primary Metal Industries	12.5	12.5	12.7	.0	-.2
Nondurable Goods	1.6	1.6	1.7	.0	.0
Service–Producing Industries	32.6	32.1	32.4	.5	.2
Transportation and Public Utilities	3.0	3.0	3.1	.0	-.1
Wholesale Trade	1.2	1.2	1.3	.0	.0
Retail Trade	9.0	8.8	9.0	.2	.0
General Merchandise Stores	1.3	1.3	1.4	.0	-.1
Finance, Insurance, and Real Estate	1.6	1.6	1.7	.0	-.1
Services	11.3	11.2	10.8	.1	.5
Health Services	5.1	5.1	4.8	.0	.3
Hospitals	2.5	2.5	2.4	.0	.0
Government	6.5	6.3	6.5	.2	-.1
Local Government	5.6	5.4	5.4	.2	.2
Local Government Education	3.6	3.5	3.4	.1	.2

Hours and Earnings of Production or Nonsupervisory Workers[a]

Not Seasonally Adjusted

Steubenville–Weirton MSA

	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	May 1991[b]	Apr. 1991[c]	May 1990[c]	May 1991[b]	Apr. 1991[c]	May 1990[c]	May 1991[b]	Apr. 1991[c]	May 1990[c]
Manufacturing	$501.32	$499.25	$519.20	41.5	41.5	44.0	$12.08	$12.03	$11.80
Durable Goods	520.41	517.08	543.87	41.8	41.7	44.8	12.45	12.40	12.14
Primary Metal Industries	558.88	558.88	575.71	42.5	42.5	45.8	13.15	13.15	12.57
Nondurable Goods	303.38	311.65	208.37	38.5	39.4	33.5	7.88	7.91	6.22
Wholesale Trade	331.93	326.33	332.59	39.8	39.7	39.5	8.34	8.22	8.42
Retail Trade[f]	172.22	170.98	163.03	27.6	27.4	27.4	6.24	6.24	5.95

[a]See Technical Notes for concepts. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [f]Money payments only; tips not included. [j]Depressed due to labor-management disputes.

Technical Notes

Civilian Labor Force Estimates

Civilian Labor Force. Estimated number of persons 16 years of age and over, employed or unemployed during week including 12th of month, distributed by place of residence. Civilian labor force data for the metropolitan areas is not available for the current month.

Total Employed. Includes nonagricultural wage and salary workers, the self-employed, unpaid family workers, domestics, agricultural workers, and persons involved in labor disputes. Employment distributed by place of residence.

Total Unemployed. Estimated number of persons, by place of residence, who did not work during reference week and were looking for work, whether or not eligible for unemployment compensation. Includes those who did not work and were waiting to be called back to an old job or to report to a new job.

Nonagricultural Wage and Salary Employment

Collection. Nonagricultural wage and salary employment as well as hours and earnings estimates based on monthly reports from sample of employers. Under cooperative arrangement with U.S. Bureau of Labor Statistics, Labor Market Information Division of Ohio Bureau of Employment Services mails, edits, and processes Ohio reports, which are subsequently incorporated in national data.

Industrial Classification. Employer establishments classified by industry on basis of their principal product or service. The *Standard Industrial Classification Manual* (U.S. Office of Management and Budget, Washington, D.C., 1987) used for classification.

Coverage. Monthly reports on employment and (for most industries) payroll and hours obtained from approximately 12,000 Ohio employers.

Coverage of Ohio Nonagricultural Employment Sample and a Measure of Error

Industry Division	Approximate Percentage Covered by Sample	RMSE
Total	41	.3
Goods–Producing Industries	47	.4
Mining	55	2.0
Construction	16	1.7
Manufacturing	53	.3
Service–Producing Industries	38	.2
Transportation and Public Utilities	41	.3
Wholesale Trade	19	.4
Retail Trade	24	.5
Finance, Insurance, and Real Estate	41	.4
Services	29	.3
Government	76	.3

Measure of Error. Reliability of nonagricultural wage and salary employment estimates may be affected by inadequate sample and response errors, industry code changes, or changes in the quality of benchmark data. The measure of reliability reported above is the root-mean-square error (RMSE), based on 36-month average differences in trend between final estimates and benchmark data. This experience indicates that monthly changes in total nonagricultural wage and salary employment estimates can be expected to vary no more than 0.3 percent from the actual change.

Nonagricultural Employment. Persons who worked during, or received pay for, any part of pay periods which include 12th of month, distributed by place of employment. Includes persons on paid sick leave, paid holiday, or paid vacation. Excluded are persons laid off, on strike, or on unpaid vacation during entire reporting period. Proprietors, the self-employed, unpaid family workers, farm workers, and domestic workers also excluded. Government employment covers only civilian employees. Full-time teachers considered employed during the summer vacation period, whether or not paid in those months.

Estimating Method. Total employment is estimated from the employment of establishments reporting for two consecutive months, as follows:

$$\text{Total Employment (current month)} = \text{Total Employment (previous month)} \times \frac{\text{Sample Employment (current month)}}{\text{Sample Employment (previous month)}}$$

Benchmark Data. Employment estimates compared annually with complete count of employment, by industry. Where revisions necessary, monthly estimates adjusted to new benchmark. Following revisions to new benchmark, industry data projected forward to current month by use of sample trends. Basic source of benchmark information is tabulations of employment data, by industry and area, compiled from contribution reports of employers covered under Ohio Unemployment Compensation Law. Data are based on March 1990 benchmark.

Seasonally Adjusted Estimates

Seasonal Adjustment. To facilitate interpretation of underlying economic trends, selected Nonagricultural Wage and Salary Employment series are presented with short-term effects of seasonal patterns removed.

Hours and Earnings

Method of Computing Averages. Average hours computed by dividing total production worker hours worked during one week (the seven-day periods which include 12th of month) by number of production workers reported for such week. Average hourly earnings computed by dividing total production worker payroll for one week by total production worker hours for week. Average weekly earnings derived by multiplying average hourly earnings by average weekly hours.

Definitions. Definitions of production or similar workers, payroll, and hours—from which average hours and earnings data are derived—follow:

Production Workers. Includes working supervisors and all nonsupervisory workers (including group leaders and trainees) engaged in fabricating, processing, assembling, inspection, receiving, storage, handling, packing, warehousing, shipping, maintenance, repair, janitorial and guard services, product development, auxiliary production for plant's own use (such as power plant), and record keeping and other services closely associated with production operations.

Nonsupervisory Workers. Includes employees (not above working supervisory level) such as office and clerical workers, repairers, salespersons, operators, drivers, attendants, service employees, line installers, laborers, accountants, janitors, guards, and other employees whose services are closely associated with those of occupations listed.

Payroll. Represents payroll for full- and part-time production, construction, or nonsupervisory workers who received pay for any part of pay periods which include 12th of month. Payroll is reported before deductions for Social Security, group insurance, withholding tax, bonds, and union dues; also includes pay for overtime, holidays, vacations, and sick leave paid directly by the firm. Bonuses (unless earned and paid regularly each pay period), tips, pay not earned in pay period reported (such as retroactive pay), and value of free rent, fuel, meals, or other payments in kind, excluded.

Hours. Represents hours worked or paid for, during pay periods which include 12th of month, for production, construction, or nonsupervisory workers. Hours include time paid for holidays and vacations, and for sick leave when pay received directly from firm.

Selected Employment Service Activities

	Ohio		
	May 1991	April 1991	May 1990
New Applicants	33,115	32,838	35,050
Applicants Active This Program Year	556,554	526,227	634,916
Counseling Interviews	1,143	1,093	847
Tests Administered	970	1,466 [a]	2,272
General Aptitude Tests	673	1,037	236
Proficiency Tests	199	181	223
Specific Aptitude Tests	0	0	323
Referrals to Jobs	29,313	21,687	28,586
Placements	4,824	3,618	5,770
Job Openings Received	INA	INA	12,605
Job Openings Unfilled	28,190	26,236	21,849

INA – Information not available
[a] Revised

Selected Unemployment Insurance Activities

	Ohio		
	May 1991	April 1991	May 1990
Initial Claims	65,623	75,741	43,125
Continued Claims	582,972	669,052	398,808
First Payments	26,544	26,358	17,720
Last Payments	10,700	8,675	7,102
Average Weekly Claimants	129,194	150,320	83,033
Average Weekly Benefit Recipients	118,172	139,958	74,441
Weeks Compensated	551,464	574,828	344,711
Benefits Paid	$96,012,587	$100,411,840	$56,753,663
Average Weekly Payment	$178.01	$178.45	$168.39
Continued Claims for Survey Week	120,199	154,124	80,234
Insured Unemployment Rate	2.8	3.2	1.8
Net Contributions	$287,882,058	$78,585,474	$277,753,987
Active Employer Accounts	207,841	208,785	207,506

OHIO BUREAU OF EMPLOYMENT SERVICES
LABOR MARKET INFORMATION DIVISION
145 SOUTH FRONT STREET
PO BOX 1618
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